

Manufacturer: Autocar (AUT) Qualified Small Manufacturer Indicator: Yes

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						Small Manufacturers Only - All Phase 1 1	LHD Vehicle Banked Credits Valid Throu	gh MY2027	

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned											237		159		298		694	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned											147		478		481		1,106	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	384	0	637	0	779	0	1,800	0
Available Averaging Set Credit Balance	0)	0		0		0)	0)	38	4	63	57	77	9	1,8	00
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0)	0		0		0)	0)	0		0		0		0	
Note:											Small Manufacturers	Only - All Phase 1	1 MHD Vehicle Banked	Credits Valid Thr	ough MY2027			

	MY 2	2013	MY 2	014	MY 2	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY 2	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor												
Conventional Credits Earned											60,718		59,208		42,246		162,172	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned											111,822		94,384		54,020		260,226	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

																	0	0
																	0	0
																	0	0
																	0	0
																	0	0
0	0	0	0	0		0	0	0	0	0	172,540	0	153,592	0	96,266	0	422,398	0
	0		0		0		0			0	172,5	540	153,	592	9	5,266	422	,398
																	0	0
																	0	0
																	0	0
0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
	0		0		0		0			0	0		0			0		0
	0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0 0 0 172,5 0 0 0 0 0 0 0 172,5 0	0 0 0 0 172,540 0<	0 0 0 0 172,540 153,5 0 <t< td=""><td>0 0 0 0 172,540 153,592 0</td><td>0 0 0 0 172,540 153,592 94 0</td><td></td><td>0 0 0 0 172,540 153,592 96,266 422 0</td></t<>	0 0 0 0 172,540 153,592 0	0 0 0 0 172,540 153,592 94 0		0 0 0 0 172,540 153,592 96,266 422 0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Autocar (AUT) Qualified Small Manufacturer Indicator: Yes

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	2019	MY 2	020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()		0	(0		0	0		0		0		()
Note:											Alternate Ph2 Transiti	on Certification- Al	ll MHD Credits Banked in	n MY2018+ Valid T	rough MY2030			

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	2019	MY 2	2020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		(0	0)	0		0		0		0)
Note:											Alternate Ph2 Transiti	on Certification- Al	ll HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Blue Bird Body (BBB) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	v ocationar	v ocutonui	v ocutonui	vocutonui	vocutional	vocutonui	v ocutionui	vocationar	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY	2013	MY	2014	MY	2015	MY 2	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned			58,034		69,126		71,126		70,911		64,353		45,025		36,800		415,375	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-58,034		-69,126												-127,160	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	71,126	0	70,911	0	64,353	0	45,025	0	36,800	0	288,215	0
Available Averaging Set Credit Balance	0		0		0		71,1	.26	70,9	911	64,3	53	45,0)25	36,8	00	288,2	215
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned													2,382		9,913		12,295	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	2,382	0	9,913	0	12,295	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		2,3	82	9,91	13	12,2	295
Note:											All Manufacturers - I	AY2018-21 MHD	Vocational Only Banked	d Credits Valid Th	rough MY2027			

	MY 2		MY 2		MY 2		MY		MY	2017	MY		MY	2019	MY		Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned			24,740		28,439		30,348		34,142		24,518		15,523		17,115		174,825	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits			-24,740		-28,439												-53,179	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	30,348	0	34,142	0	24,518	0	15,523	0	17,115	0	121,646	0
Available Averaging Set Credit Balance		0		0		0	30,34	18	34,14	42	24,51	.8	15,5	23	17,1	15	121,64	46
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned											9,308		77,077		136,717		223,102	0
AT Banked Credits In																	0	0
																	0	Ο
AT Banked Credits Out/Expired Credits																	0	0
AT Banked Credits Out/Expired Credits AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	9,308	0	77,077	0	136,717	0	223,102	0
-	0	0 0	0	0	0	0 0	0	0	0	0	9,308 9,30 8	0 8	77,077 77,0	0	136,717 136,7	0	223,102 223,1 0	0 02

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Blue Bird Body (BBB) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY	2013	MY 2014 Vocational Tractor V		MY	2015	MY	2016	MY	2017	MY	2018	MY2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0 0 0				0	0)	()	0		0		0		()	
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked in	n MY2018+ Valid Tl	hrough MY2030			

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	2019	MY 2	2020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		(0	0)	0		0		0		0)
Note:											Alternate Ph2 Transiti	on Certification- Al	ll HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Chanje (CJE) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	vocational	vocational	vocational	Vocational	v ocational	vocationai	vocational	vocational	vocational
									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned					4,385	526			4,911
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2					1,579	189			1,768
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	5,964	715	0	0	6,679
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY2	2013	MY	2014	MY	2015	MY2	2016	MY	2017	MY	018	MY 2	2019	MY 2	020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0		0)	0	l i i i i i i i i i i i i i i i i i i i	(0		0		0		0	
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0)	0		0		0	l .	0		0		0		0		0	
Note:											All Manufacturers - I	4Y2018-21 MHD V	Vocational Only Banked	Credits Valid Th	rough MY2027			

	MY 2	2013	MY 2	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																			0	0
Available Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0		0		0			0		0			0	(0		0
Phase 1 Only Advanced Technology Credit Summary																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out/Expired Credits																			0	0
AT Final Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0			0		0			0		0		0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Chanje (CJE) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY	2013	MY 2014 Vocational Tractor V		MY	2015	MY	2016	MY	2017	MY	2018	MY2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0 0 0				0	0)	()	0		0		0		()	
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked in	n MY2018+ Valid Tl	hrough MY2030			

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0)	(0	()	0		0		0		0	
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	<mark>MY2018+ Valid Th</mark>	rough MY2030			

Manufacturer: Chrysler Group (CRX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned		7,823	10,612	15,121	8,014	15,996	10,739	38,092	106,397
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-7,823	-10,612						-18,435
Useful Life Credit Adjustment for Phase 2				5,444	2,885	5,759	3,866	13,713	31,667
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	20,565	10,899	21,755	14,605	51,805	119,629
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		()	()	0)	0)	0	1	0		0		0	
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0)	()	()	0)	0)	0		0		0		0	
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	Credits Valid Thr	ough MY2027			

	MY 2	2013	MY 2		MY	2015	MY2	2016	MY	2017	MY 2	2018	MY	2019	MY	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																			0	0
Available Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0		0		0			0		0			0	(0		0
Phase 1 Only Advanced Technology Credit Summary																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out/Expired Credits																			0	0
AT Final Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0			0		0			0		0		0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Chrysler Group (CRX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate	
LHD Engine Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	
Conventional Credits Earned									0	
Phase 1&2 Off-Cycle Credits Earned									0	
Banked Credits In									0	
Banked Credits Out									0	
Trades In									0	
Trades Out									0	
Retired Credits									0	
Expired Credits									0	
Useful Life Credit Adjustment for Phase 2									0	
Manufacturer Resubmission									0	
Miscellaneous Adjustments *(See Note Below MY)									0	
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	
Note:										
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate	
MHD Engine Credit Summary	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tr	ractor					
Conventional Credits Earned									0	0
Phase 1&2 Off-Cycle Credits Earned									0	0
Banked Credits In									0	0
Banked Credits Out									0	0
Trades In									0	0
Trades Out									0	0
Retired Credits									0	0
Expired Credits									0	0
Discounted Vocational Engine Credits for Phase 2									0	0
Manufacturer Resubmission									0	0
Miscellaneous Adjustments *(See Note Below MY)									0	0
Available Credit Balance	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	
Note:						Alternate Ph2 Transition Certification- Al	l MHD Credits Banked in MY2018+ Valid T	hrough MY2030		
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate	
HHD Engine Credit Summary	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tr	ractor					
Conventional Credits Earned									0	0
Phase 1&2 Off-Cycle Credits Earned									0	0
Banked Credits In									0	0
Banked Credits Out									0	0
Trades In									0	0
Trades Out									0	0
Retired Credits									0	0
Expired Credits									0	0
Discounted Vocational Engine Credits for Phase 2									0	0
Manufacturer Resubmission									0	0
Miscellaneous Adjustments *(See Note Below MY)									0	0
Available Credit Balance	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	
Note						Alternate Pb2 Transition Cartification Al	HHD Credits Banked in MV2018+ Valid T	brough MV2030		

Note:

Alternate Ph2 Transition Certification- All HHD Credits Banked in MY2018+ Valid Through MY2030

Manufacturer: Cummins (CEX) Qualified Small Manufacturer Indicator: No

	MY 2013 Vacational	MY 2014	MY 2015 Vacational	MY 2016	MY 2017	MY 2018 Vecational	MY 2019 Vecctional	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY2	2013	MY	2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY 2	019	MY 2	020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	1	0		(0	1	0)	0		0		0		0	
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		(0		0)	0		0		0		0	
Note:											All Manufacturers - I	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	ough MY2027			

	MY 2	2013	MY 2		MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																			0	0
Available Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0		0		0			0		0			0	(0		0
Phase 1 Only Advanced Technology Credit Summary																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out/Expired Credits																			0	0
AT Final Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0			0		0			0		0		0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Cummins (CEX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY 2	2013	MY 2	2014	MY 2	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Engine Credit Summary	Vocational	Tractor																
Conventional Credits Earned	2,431,980	36,721	3,410,912	43,789	4,133,398	15,849	759,201	-11,977	2,317,429	-4,467	2,045,886	9,008	2,120,459	-12,265	1,962,551	-12,431	19,181,816	64,227
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In								11,977		4,467				12,265		12,431	0	41,140
Banked Credits Out							-11,977		-4,467				-12,265		-12,431		-41,140	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-2,431,980	-36,721	-3,410,912	-43,789	-4,133,398	-15,849											-9,976,290	-96,359
Discounted Vocational Engine Credits for Phase 2							-747,224		-1,464,270		-1,490,115		-1,060,768		-1,072,892		-5,835,269	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	848,692	0	555,771	9,008	1,047,426	0	877,228	0	3,329,117	9,008
Available Averaging Set Credit Balance	0		0		0		0)	848,	692	564,7	79	1,047	,426	877,2	228	3,338	3,125
Note:																		

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY2	2019	MY2	2020	Aggr	regate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned	452,659	2,354,276	502,112	3,160,240	441,967	1,639,452	-531,266	-874,489	581,624	-308,689	108,061	75,513	899,669	77,690	747,117	250,436	3,201,943	6,374,429
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In							531,266	1,098,000		308,689							531,266	1,406,689
Banked Credits Out	-452,659	-1,176,607							-308,689								-761,348	-1,176,607
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits		-454,198	-502,112	-2,251,204	-441,967	-773,130											-944,079	-3,478,532
Discounted Vocational Engine Credits for Phase 2							0		-272,935		-108,061		-899,669		-747,117		-2,027,782	0
Manufacturer Resubmission		-723,471		-909,036		-866,322		-223,511									0	-2,722,340
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	75,513	0	77,690	0	250,436	0	403,639
Available Averaging Set Credit Balance		0		0	()	0)	0)	75,5	13	77,6	590	250,	436	403	,639
Note: Credit reductions due to Cummins resubmission with new CO2 FCL for XAU family	MY13 NOTE: No 1.5	X multiplier for early					MY16 NOTE: Used M	Y13 banked										
for model years 2013-16	certification because al	Iternate					credits to offset these H	HD deficits										
	phase-in option used																	

Manufacturer: Daimler Coaches (RCC) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	v ocutional	vocational	vocational	v ocutionul	vocational	vocutionui	v ocutional	v ocutionul	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	0		()	0	1	0	1	0		0		0)
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0)	0		0)	0	1	0	1	0		0		0)
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	rough MY2027			

	MY 2		MY 2		MY2	2015	MY2	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned													179				179	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Expired Credits See Note Below MY																			
Mandacturer Resubmission	Retired Credits																	0	0
Miscellaneous Adjustments *isee Note Below WY) Custom Chassis Deficit Transfer (Small Manufacturers Only) 0	Expired Credits																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only) O </td <td>Manufacturer Resubmission</td> <td></td> <td>0</td> <td>0</td>	Manufacturer Resubmission																	0	0
Available Credit Balance000000000179000179Available Avaraging Set Credit Balance00000000001790000179000017900001790000179000017900001790000179000001790000017900<	Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Averaging Set Credit Balance0001790Phase 1 Only Advanced Technology Credit SummaryAr Credits EarnedAT Credits EarnedA Taked Credits InAT Banked Credits Out/Expired CreditsAT Final Credit Balance00 <td>Custom Chassis Deficit Transfer (Small Manufacturers Only)</td> <td></td> <td>0</td> <td>0</td>	Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Phase 1 Only Advanced Technology Credit Summary A C redits Earned A C redits Earned B C redits In B C redits In B C redits Credits C	Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	179	0	0	0	179	0
AT Credits Earned	Available Averaging Set Credit Balance		0	0			0	0			0		0		179		0	1	179
AT Banked Credits Out/Expired Credits 0	Phase 1 Only Advanced Technology Credit Summary																		
AT Banked Credits Out/Expired Credits 0	AT Credits Earned																	0	0
AT Final Credit Balance 0 <td>AT Banked Credits In</td> <td></td> <td>0</td> <td>0</td>	AT Banked Credits In																	0	0
AT Averaging Set Available Credit Balance 0 0 0 0	AT Banked Credits Out/Expired Credits																	0	0
	AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Manufacturers Only-MY2018-21 HHD Vocational Only Banked Credits Valid Through MY2027	AT Averaging Set Available Credit Balance		0	0			0	0			0		0		0		0		0
	Note:											Small Manufactu	rers Only-MY2018-21	I HHD Vocational O	nly Banked Credits V	alid Through MY20	27		

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Daimler Coaches (RCC) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational	Vocational							
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
MHD Engine Credit Summary	Vocational Tractor	Vocational Tracto							
Conventional Credits Earned									0 0
Phase 1&2 Off-Cycle Credits Earned									0 0
Ponkad Cradita In									0 0

	MY 2	2013	MY 2	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0))	(0		0	0		0		0		()
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked in	n MY2018+ Valid Tl	hrough MY2030			

	MY2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggr	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	0		(0	0)	0		0		0		0	
Note:											Alternate Ph2 Transiti	on Certification- All	HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Daimler Trucks (DTN) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	v ocationar	v ocutonui	v ocutonui	vocutonui	vocutional	vocutonui	v ocutionui	v ocutionur	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY	2013	MY 2	2014	MY2	2015	MY 2	2016	MY2	2017	MY 2	2018	MY 2	2019	MY2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned	73,633	41,927	66,409	61,383	109,170	49,870	172,337	62,523	210,546	38,728	173,854	66,919	242,393	76,400	365,870	85,762	1,414,212	483,512
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-73,633	-41,927	-66,409	-61,383	-109,170	-49,870											-249,212	-153,180
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	172,337	62,523	210,546	38,728	173,854	66,919	242,393	76,400	365,870	85,762	1,165,000	330,332
Available Averaging Set Credit Balance	0		0		0		234,	860	249,	274	240,	773	318,	793	451,	632	1,495	5,332
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0	l .	0	1	0		0	1	0	l.	0	
Note:											All Manufacturers - I	MY2018-21 MHD	Vocational Only Banked	l Credits Valid Th	rough MY2027			

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned	211,053	1,065,999	198,807	1,174,142	235,490	1,252,272	332,237	2,178,860	355,802	944,400	331,284	1,036,547	478,882	1,382,611	894,604	2,781,131	3,038,159	11,815,962
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits	-211,053	-1,065,999	-198,807	-1,174,142	-235,490	-1,252,272											-645,350	-3,492,413
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	332,237	2,178,860	355,802	944,400	331,284	1,036,547	478,882	1,382,611	894,604	2,781,131	2,392,809	8,323,549
Available Averaging Set Credit Balance		0		0		0	2,51	1,097	1,300),202	1,36	7,831	1,86	1,493	3,67	5,735	10,71	16,358
Phase 1 Only Advanced Technology Credit Summary																		
Phase 1 Only Advanced Technology Credit Summary AT Credits Earned																	0	0
																	0 0	0 0
AT Credits Earned																	0 0 0	0 0 0
AT Credits Earned AT Banked Credits In	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 0 0	0 0 0 0
AT Credits Earned AT Banked Credits In AT Banked Credits Out/Expired Credits	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0 0	0	0 0	0 0 0 0	0 0 0 0 0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Daimler Trucks (DTN) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
	MX 2012	MV 2014	MV 2015	MV 2016	MX 2017	MV 2019	MX 2010	MV 2020	Aggregato

	MY	2013	MY	MY 2014		2015	MY 2	2016	MY	2017	MY 2	2018	MY 2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0 0)	0)	C)	0		0		0		()	
Note:											Alternate Ph2 Transiti	on Certification- All	l MHD Credits Banked in	n MY2018+ Valid Th	1rough MY2030			

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggr	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		()	0		0		0		0		(
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Detroit Diesel (DDX) Qualified Small Manufacturer Indicator: No

	MY 2013 Vacational	MY 2014	MY 2015 Vacational	MY 2016	MY 2017	MY 2018 Vecational	MY 2019 Vecctional	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY2	2013	MY	2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY 2	019	MY 2	020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	1	0		(0	1	0)	0		0		0		0	
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		(0		0)	0		0		0		0	
Note:											All Manufacturers - I	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	ough MY2027			

	MY 2	2013	MY 2		MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																			0	0
Available Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0		0		0			0		0			0	(0		0
Phase 1 Only Advanced Technology Credit Summary																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out/Expired Credits																			0	0
AT Final Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0			0		0			0		0		0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Detroit Diesel (DDX) Qualified Small Manufacturer Indicator: No

	MY 2	2013	MY 20 1	14	MY	2015	MY 2	016	MY 20)17	MY 20	18	MY 2	2019	MY	2020	Aggre	egate
LHD Engine Credit Summary	Vocati	ional	Vocation	nal	Voca	tional	Vocati	onal	Vocatio	onal	Vocatio	onal	Vocat	ional	Voca	tional	Vocat	tional
Conventional Credits Earned																	0)
Phase 1&2 Off-Cycle Credits Earned																	0)
Banked Credits In																	0)
Banked Credits Out																	0	J
Trades In																	0)
Trades Out																	0)
Retired Credits																	0)
Expired Credits																	0)
Useful Life Credit Adjustment for Phase 2																	0)
Manufacturer Resubmission																	0	J
Miscellaneous Adjustments *(See Note Below MY)																	0	J
Available Averaging Set Credit Balance	0		0		()	0		0		0		0)	0	J
Note:																		
	MY 2	2013	MY 20 1	14	MY	2015	MY 2	016	MY 20)17	MY 20	018	MY 2	2019	MY	2020	Aggre	egate
MHD Engine Credit Summary	Vocational	Tractor		Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned									19,499		55,375	-698	268,453	1,481	41,808	278	385,135	1,061
Phase 1&2 Off-Cycle Credits Earned									- ,				,	, -	,		0	0
Banked Credits In												698					0	698
Banked Credits Out											-698	070					-698	0
Trades In											070						0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2									-16,713		-18,807		-91,173		0		-126,693	0
Manufacturer Resubmission									10,710		10,007		,1,1,5		Ū		0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	2,786	0	35,870	0	177,280	1,481	41,808	278	257,744	1,759
Available Averaging Set Credit Balance	0	0	0	0	Ū)	0	Ū	2,78	6	35,87	0	178,200		42,		259,	
Note:	·		Ū			-	·		_,	•	Alternate Ph2 Transition		,		,		,	
	MY 2	2013	MY 20 1	14	MY	2015	MY 2	016	MY 20)17	MY 20	18	MY 2	2019	MY	2020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned	447,299	1,231,159	612,654	2,041,851	685,880	2,312,587	492,178	512,697	788,844	395,642	891,787	743,510	1,041,857	768,702	-122,071	-71,985	4,838,428	7,934,163
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In															122,071	71,985	122,071	71,985
Banked Credits Out					-122,071	-71,985									,	· · · · ·	-122,071	-71,985
Trades In					,												0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-447,299	-1,231,159	-612,654	-2,041,851	-563,809	-2,240,602											-1,623,762	-5,513,612
Discounted Vocational Engine Credits for Phase 2	,=>>	_,,		-,,	2 00,000	_,,	-418,291		-591,395		-637,529		-744,823		0		-2,392,038	0
Manufacturer Resubmission							,_/1								v		0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	73,887	512,697	197,449	395,642	254,258	743,510	297,034	768,702	0	0	822,628	2,420,551
Available Averaging Set Credit Balance	<u> </u>	0	0	U	0)	586,5		593,0		997,7		1,065		0		3,243	
Note:	MY13 NOTE: No 1.5X	X multiplier for	v				200,0	••			Alternate Ph2 Transition					-	5,245	,_ , ,

early certification because alternate

phase-in option used

MY20 NOTE: Expiring MY15 credits were

used to offset these deficits for MY20

Manufacturer: El Dorado National (EDR) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	v ocutional	vocational	vocational	v ocutionul	vocational	vocutionui	v ocutional	v ocutionul	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	0		()	0	1	0	1	0		0		0)
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0)	0		0)	0	1	0	1	0		0		0)
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	rough MY2027			

	MY 2		MY 2		MY2	2015	MY2	2016		2017	MY	2018	MY	2019	MY	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			5,771		5,109		6,525		2,884		6,450		7,027		6,890		40,656	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																								0	0
Expired Credits				-5,771			-5,109																	-10,880	0
Manufacturer Resubmission																								0	0
Miscellaneous Adjustments *(See Note Below MY)																								0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																								0	0
Available Credit Balance	0		0	0		0	0		0	6,525		0	2,884		0	6,450	0	7,02	7	0	6,890		0	29,776	0
Available Averaging Set Credit Balance		0			0			0			6,525		-	2,884		6,4	150		7,027	1		6,890		29	,776
Phase 1 Only Advanced Technology Credit Summary																									
AT Credits Earned																								0	0
AT Banked Credits In																								0	0
AT Banked Credits Out/Expired Credits																								0	0
AT Final Credit Balance	0		0	0		0	0		0	0		0	0		0	0	0	0		0	0		0	0	0
AT Averaging Set Available Credit Balance		0			0			0			0			0			0		0			0			0
Note:																Small Manufacturer	s Only-MY2018-	-21 HHD Vocation	nal Only Ba	nked Credits Va	alid Through MY	2027			

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: El Dorado National (EDR) Qualified Small Manufacturer Indicator: No

MHD Engine Credit Summary	MY 2013 Vocational Tractor	MY 2014 Vocational Tractor	MY 2015 Vocational Tractor	MY 2016 Vocational Tractor	MY 2017 Vocational Tractor	MY 2018 Vocational Tractor	MY 2019 Vocational Tractor	MY 2020 Vocational Tractor	Aggregate Vocational Tracto
Available Averaging Set Credit Balance Note:	0	0	0	0	0	0	0	0	0
Miscellaneous Adjustments *(See Note Below MY)									0
Manufacturer Resubmission									0
Useful Life Credit Adjustment for Phase 2									0
Expired Credits									0
Retired Credits									0
Trades Out									0
Trades In									0
Banked Credits Out									0
Banked Credits In									0
Phase 1&2 Off-Cycle Credits Earned									0
Conventional Credits Earned									0
LHD Engine Credit Summary	Vocational								
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggr	regate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()		0	0)		0	0		0		0			0
Note:											Alternate Ph2 Transiti	on Certification- All	MHD Credits Banked in	n MY2018+ Valid Tl	nrough MY2030			

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0)	0)	(0	(0	0		0		0		0	
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: E-One Inc. (ENE) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	vocational	vocational	v ocational	V ocational	Vocational	v ocational	v ocationai	vocationai	v ocational
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	0		()	0	1	0	1	0		0		0)
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0)	0		0)	0	1	0	1	0		0		0)
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	rough MY2027			

	MY 2	2013	MY 2		MY2	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned			4,267		0		0		5,667		10,019		5,253		8,394		33,600	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																			0	0
Expired Credits			-4,267		0														-4,267	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																			0	0
Available Credit Balance	0	0	0	0	0	0	C)	0	5,667	0	10,019	0	5,253		0	8,394	0	29,333	0
Available Averaging Set Credit Balance		0		0		0		0		5,0	67	1),019		5,253		8,	394	29	9,333
Phase 1 Only Advanced Technology Credit Summary																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out/Expired Credits																			0	0
AT Final Credit Balance	0	0	0	0	0	0	C	0	0	0	0	0	0	0		0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0)		0		0			0		0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: E-One Inc. (ENE) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
	NAX 2012	NAX 2014	NAV 2015	MX7 2017	NAX 2017	MAZ 2019	N/N7 2010	M37 2020	A

	MY	2013	MY	2014	MY	2015	MY 2	2016	MY	2017	MY	2018	MY	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0 0 0 0 C)	0)	()	0		0		0		(
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked i	n MY2018+ Valid Tl	nrough MY2030			

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	019	MY 2	020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0)	0)	()	0)	0		0		0		0	/
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: EVO Bus (EVB) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY2	2020	Aggr	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		()	0)	0	1	0		0		0	1	()
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		()	0)	0		0		0		0)	()
Note:											All Manufacturers - I	4Y2018-21 MHD	Vocational Only Banked	l Credits Valid Th	rough MY2027			

	MY 2		MY 2	2014	MY 2	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned			2,300		1,233		1,174		1,390		235						6,332	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																					0	0
Expired Credits				-2,300		-1,233															-3,533	0
Manufacturer Resubmission																					0	0
Miscellaneous Adjustments *(See Note Below MY)																					0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																					0	0
Available Credit Balance	0	()	0	0	0	C)	1,174	0	1,390	0	235		0	0	0	0		0	2,799	0
Available Averaging Set Credit Balance		0		0			0		1,174	4	1,	390		235			0		0		2,7	,799
Phase 1 Only Advanced Technology Credit Summary																						
AT Credits Earned																					0	0
AT Banked Credits In																					0	0
AT Banked Credits Out/Expired Credits																					0	0
AT Final Credit Balance	0	()	0	0	0	C)	0	0	0	0	0		0	0	0	0		0	0	0
AT Averaging Set Available Credit Balance	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$										0		0			0		0		(0	
Note:													Small Manufa	cturers Only-	-MY2018-21 HH	HD Vocational Or	ly Banked Credits	Valid Through M	MY2027			

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: EVO Bus (EVB) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0 0				0	0)	()	0		0		0		()
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked in	n MY2018+ Valid Tl	hrough MY2030			

	MY2	2013	MY 2	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	019	MY 2	2020	Aggr	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0 0 0		0)	(0	()	0		0		0		()	
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Ferrara Fire (FFA) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	vocational	vocational	v ocational	v ocational	V ocational	v ocational	v ocationai	vocationai	v ocational
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	0)	()	0	1	0	1	0		0		0)
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0)	0		0		0		0	1	0		0		0)
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	rough MY2027			

	MY 2	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		regate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned									1,436		581		1,250		626		3,893	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

																0	0
																0	0
																0	0
																0	0
																0	0
0	0	0	0	0	0	0	0	1,436	0	581	0	1,250	0	626	0	3,893	0
0 0				0		0		1,436		581		,250		626	3	,893	
																0	0
																0	0
																0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0		0			0		0		0)		0		0		0
	0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	,	,	0 0 0 1,436 55 0 <td>0 0 0 1,436 581 0<</td> <td>0 0 0 1,436 581 1 0<!--</td--><td>0 0 0 1,436 581 1,250 0 <td< td=""><td>0 0 0 1,436 581 1,250 0 <</td><td></td><td>0 0 0 1,436 581 1,250 626 3, </td></td<></td></td>	0 0 0 1,436 581 0<	0 0 0 1,436 581 1 0 </td <td>0 0 0 1,436 581 1,250 0 <td< td=""><td>0 0 0 1,436 581 1,250 0 <</td><td></td><td>0 0 0 1,436 581 1,250 626 3, </td></td<></td>	0 0 0 1,436 581 1,250 0 <td< td=""><td>0 0 0 1,436 581 1,250 0 <</td><td></td><td>0 0 0 1,436 581 1,250 626 3, </td></td<>	0 0 0 1,436 581 1,250 0 <		0 0 0 1,436 581 1,250 626 3,

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Ferrara Fire (FFA) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY 2	2013	MY	MY 2014		MY 2015		MY 2016		MY 2017		018	MY 2019		MY 2020		Aggregate	
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	0		(0	0		0		0		0		0	
Note:											Alternate Ph2 Transiti	on Certification- All	MHD Credits Banked in	n <mark>MY2018</mark> + Valid Tl	1rough MY2030			

	MY 2	2013	MY 20		MY 2014 M		MY	MY 2015		MY 2016		MY 2017		MY 2018		019	MY 2020		Aggregate	
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Vocational Tractor		Vocational Tractor		Vocational Tractor		Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor		
Conventional Credits Earned																	0	0		
Phase 1&2 Off-Cycle Credits Earned																	0	0		
Banked Credits In																	0	0		
Banked Credits Out																	0	0		
Trades In																	0	0		
Trades Out																	0	0		
Retired Credits																	0	0		
Expired Credits																	0	0		
Discounted Vocational Engine Credits for Phase 2																	0	0		
Manufacturer Resubmission																	0	0		
Miscellaneous Adjustments *(See Note Below MY)																	0	0		
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Available Averaging Set Credit Balance	0	0 0		0		0		0		0		0		0		0				
Note:										Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030						

Manufacturer: Fiat Powertrain (FPX) Qualified Small Manufacturer Indicator: No

	MY 2013 Vacational	MY 2014	MY 2015 Vacational	MY 2016	MY 2017	MY 2018 Vecational	MY 2019 Vecctional	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY2	2013	MY	2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY 2	019	MY 2	020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	1	0		(0	1	0)	0		0		0		0	
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		(0		0)	0		0		0		0	
Note:											All Manufacturers - I	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	ough MY2027			

	MY 2	2013	MY 2		MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																			0	0
Available Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0		0		0			0		0			0	(0		0
Phase 1 Only Advanced Technology Credit Summary																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out/Expired Credits																			0	0
AT Final Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0			0		0			0		0		0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Fiat Powertrain (FPX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned		1,215		6,492	-456				7,251
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In					456				456
Banked Credits Out		-456							-456
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-759							-759
Useful Life Credit Adjustment for Phase 2				2,337	0				2,337
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	8,829	0	0	0	0	8,829
Note:					MY17 NOTE: This deficit was offset				

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	020	Aggre	egate
MHD Engine Credit Summary	Vocational	Tractor																
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()	0)	()	()	0		0		0		0	
Note:																		

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	019	MY 2	2020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor										
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0	()	(0)	0		0		0		0	
Note:																		

MY17 NOTE: This deficit was offset using banked MY14 credits

Manufacturer: Ford Motor (FMX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned		338,493	54,320	40,201	31,639	41,495	135,491	138,976	780,615
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-338,493	-54,320						-392,813
Useful Life Credit Adjustment for Phase 2				14,472	11,390	14,938	48,777	50,031	139,608
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	54,673	43,029	56,433	184,268	189,007	527,410
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY 2	2016	MY 2	2017	MY 2	018	MY 2	2019	MY2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned			64,651		47,486		70,157		148,186		74,679		106,977		120,531		632,667	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-64,651		-47,486												-112,137	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	70,157	0	148,186	0	74,679	0	106,977	0	120,531	0	520,530	0
Available Averaging Set Credit Balance	0		0		0		70,1	157	148,1	186	74,6	79	106,9	977	120,	531	520,	530
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0)	0)	0		0		0		0)	0)
Note:											All Manufacturers - N	4Y2018-21 MHD	Vocational Only Banked	l Credits Valid Th	rough MY2027			

	MY 2	2013	MY 2	014	MY	2015	MY	2016	MY	2017	MY2	2018	MY	2019	MY 2	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned							303		2,740		3,080		2,829		2,205		11,157	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

																	0	0
																	0	0
																	0	0
																	0	0
																	0	0
0	0	0	0	0	0	30.	3	0	2,740	0	3,080	0	2,829	0	2,205	0	11,157	0
0))		0		303		2,74	10	3,08	80	2,	329	2,2	205	11	157
																	0	0
																	0	0
																	0	0
0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0
0))		0		0		0		0			0		0		0
											Small Manufacturers	Only-MV2018-21	HHD Vocational Only	Banked Credits V	lid Through MV2027			
	0 0 0 0	0 0 0 0	0 0 0 0 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0 0 0 0 30 0 0 0 0 0 30 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 303 0 0 0 0 303 0 0 303 0 303 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				0 0 0 303 2,740 3,03 0	0 0 0 303 2,740 3,080 0 <td< td=""><td>0 0 0 303 2,740 3,080 2,5 0 <</td><td>0 0 0 303 2,740 3,080 2,829 0</td><td>0 0 0 303 2,740 3,080 2,829 2,740 0</td><td></td><td>0 0 303 2,740 3,080 2,829 2,205 11, -</td></td<>	0 0 0 303 2,740 3,080 2,5 0 <	0 0 0 303 2,740 3,080 2,829 0	0 0 0 303 2,740 3,080 2,829 2,740 0		0 0 303 2,740 3,080 2,829 2,205 11, -

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Ford Motor (FMX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned		252,236	217,062	161,215	11,289	9,003	22,124	359,461	1,032,390
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-252,236	-217,062						-469,298
Useful Life Credit Adjustment for Phase 2				58,037	4,064	3,241	7,965	129,406	202,713
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	219,252	15,353	12,244	30,089	488,867	765,805
Note:									

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY2	2019	MY 2	2020	Aggre	egate
MHD Engine Credit Summary	Vocational	Tractor																
Conventional Credits Earned							26,165	-1,694	16,742	-1,034	17,924		36,783		71,427		169,041	-2,728
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In								1,694		1,034							0	2,728
Banked Credits Out							-1,694		-1,034								-2,728	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2							-24,471		-15,708		-17,924		-36,783		-55,668		-150,554	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,759	0	15,759	0
Available Averaging Set Credit Balance	0)	()	()	()		0	0		0		15,7	759	15,7	/59
Note:																		

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY2	2018	MY	019	MY 2	020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor												
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	()		0	0)	(0	()	0		0		0		0)
Note:																		

Manufacturer: General Motors (GMX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned		45,803	62,030	2,591			6,775	1,937	119,136
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-45,803	-62,030						-107,833
Useful Life Credit Adjustment for Phase 2				933			2,439	697	4,069
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	3,524	0	0	9,214	2,634	15,372
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY	2013	MY	2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned													2,965		4,045		7,010	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	2,965	0	4,045	0	7,010	0
Available Averaging Set Credit Balance	0		0		0		0		0		0	1	2,90	65	4,04	45	7,0	10
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	l Credits Valid Th	rough MY2027			

	MY 2	2013	MY 2		MY2	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	egate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																			0	0
Available Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0		0		0			0		0			0	(0		0
Phase 1 Only Advanced Technology Credit Summary																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out/Expired Credits																			0	0
AT Final Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0			0		0			0		0		0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: General Motors (GMX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY	2013	MY 2014 tor Vocational Tractor V		MY	2015	MY	2016	MY	2017	MY	2018	MY2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0 0 0 0 0 0				0	0)	()	0		0		0		()
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked in	n MY2018+ Valid Tl	hrough MY2030			

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	019	MY 2	020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0)	0)	()	0)	0		0		0		0	/
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Gillig LLC (GLG) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned			438		386		126		53								1,003	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-438		-386												-824	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	126	0	53	0	0	0	0	0	0	0	179	0
Available Averaging Set Credit Balance	0)	0		0)	12	26	5.	3	0		0		0		17	9
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0)	0		0)	0)	0		0		0		0		0	
Note:											All Manufacturers - I	MY2018-21 MHD	Vocational Only Banked	l Credits Valid Th	rough MY2027			

	MY 2		MY 2		MY 2		MY	2016	MY	2017	MY		MY		MY		Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned			22,397		20,162		22,590		28,570		36,657		35,565		23,516		189,457	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits			-22,397		-20,162												-42,559	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	22,590	0	28,570	0	36,657	0	35,565	0	23,516	0	146,898	0
Available Averaging Set Credit Balance		0		0		0	22,5	590	28,57	0	36,65	57	35,	565	23	,516	146,8	898
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned									1,033		3,098						4,131	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	1,033	0	3,098	0	0	0	0	0	4,131	0
AT Averaging Set Available Credit Balance		0		0		0	0	l .	1,033	3	3,098	8	()		0	4,13	31
Note:											Small Manufacturors ()nlv-MV2018-21	HHD Vocational Only	Banked Credits V	lid Through MV2027			

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Gillig LLC (GLG) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		(0	0)	()	0		0		0		(
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked in	n MY2018+ Valid Tl	hrough MY2030			

	MY2	2013	MY 2	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	019	MY 2	2020	Aggr	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0)	0)	(0	()	0		0		0		()
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Hino Manufacturing (HNM) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	vocational	vocational	vocational	v ocational	v ocationai	v ocationai	v ocationai	v ocational	
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY 2	2019	MY2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned													6,237		25		6,262	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	6,237	0	25	0	6,262	0
Available Averaging Set Credit Balance	0		0		0		0		0	l	0	1	6,2.	37	25	5	6,20	62
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0)	0		0		0		0		0	
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	rough MY2027			

	MY 2		MY 2		MY2	2015	MY2	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	egate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned													10				10	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0
Available Averaging Set Credit Balance	0		(0	0			D		0		10		0		10
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		(0	0			D		0		0		0		0
Note:											Small Manufactura		HHD Vocational On	ly Bankod Crodits V	alid Through MV2	027		

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Hino Manufacturing (HNM) Qualified Small Manufacturer Indicator: No

MHD Engine Credit Summary	MY 2013 Vocational Tractor	MY 2014 Vocational Tractor	MY 2015 Vocational Tractor	MY 2016 Vocational Tractor	MY 2017 Vocational Tractor	MY 2018 Vocational Tractor	MY 2019 Vocational Tractor	MY 2020 Vocational Tractor	Aggregate Vocational Tract
Note:									
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Miscellaneous Adjustments *(See Note Below MY)									0
Manufacturer Resubmission									0
Useful Life Credit Adjustment for Phase 2									0
Expired Credits									0
Retired Credits									0
Trades Out									0
Trades In									0
Banked Credits Out									0
Banked Credits In									0
Phase 1&2 Off-Cycle Credits Earned									0
Conventional Credits Earned									0
LHD Engine Credit Summary	Vocational								
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate

	MY	2013	MY	MY 2014 My 2014		2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0 0)	0))	0		0		0)
Note:		0									Alternate Ph2 Transiti	on Certification- All	<mark>l MHD Credits Banked i</mark> i	n MY2018+ Valid Tl	rough MY2030			

	MY	2013	MY	MY 2014 Vocational Tractor Voc		2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	(0	0)	0		0		0		0	
Note:		0 0									Alternate Ph2 Transiti	on Certification- All	HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Hino Motors (HMX) Qualified Small Manufacturer Indicator: No

LUD Vakiala Cuadit Summann	MY 2013	MY 2014 Vacational	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned							3,967		3,967
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2							1,428		1,428
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	5,395	0	5,395
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	anked Credits Valid Through MY2027		

	MY 2	2013	MY2	2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned													17,608		4,096		21,704	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	17,608	0	4,096	0	21,704	0
Available Averaging Set Credit Balance	0		0		0		0	1	0	1	0	1	17,6	508	4,0	96	21,7	/04
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0	1	0		0)	0		0		0)
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Bankee	l Credits Valid Th	rough MY2027			

	MY 2	2013	MY 2		MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned													1,491				1,491	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																							0	0
Expired Credits																							0	0
Manufacturer Resubmission																							0	0
Miscellaneous Adjustments *(See Note Below MY)																							0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																							0	0
Available Credit Balance	0	0	0		0	0		0	0		0	0	0		0	0	1,491		0	0		0	1,491	0
Available Averaging Set Credit Balance		0		0			0			0			0		0			1,491			0		1,4	491
Phase 1 Only Advanced Technology Credit Summary																								
AT Credits Earned																							0	0
AT Banked Credits In																							0	0
AT Banked Credits Out/Expired Credits																							0	0
AT Final Credit Balance	0	0	0		0	0		0	0		0	0	0		0	0	0		0	0		0	0	0
AT Averaging Set Available Credit Balance		0		0			0			0			0		0			0			0			0
Note:														Si	mall Manufacturers	Only-MY2018-2	21 HHD Vocationa	l Only Bank	ed Credits Valid	l Through MY	č 2027			

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Hino Motors (HMX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0 0				0	0)		0	0		0		0		()	
Note:		0 0									Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked in	n MY2018+ Valid Tl	hrough MY2030			

	MY	2013	MY 2	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0 0		()	()		0	0		0		0		0			
Note:		0 0									Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Isuzu Motors (SZX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned		42,816	55,820	64,177	43,559	46,888	52,793	88,127	394,180
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-42,816	-55,820						-98,636
Useful Life Credit Adjustment for Phase 2				23,104	15,681	16,880	19,005	31,726	106,396
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	87,281	59,240	63,768	71,798	119,853	401,940
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY2	2013	MY	2014	MY	2015	MY 2	2016	MY 2	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned											7,625		5,029		10,301		22,955	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	7,625	0	5,029	0	10,301	0	22,955	0
Available Averaging Set Credit Balance	0		0)	0)	0		0		7,62	25	5,02	29	10,3	01	22,9	955
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0)	0		0		0		0		0		0		0	
Note:											All Manufacturers - N	4Y2018-21 MHD	Vocational Only Banked	l Credits Valid Thr	ough MY2027			

	MY 2	2013	MY 2	2014	MY2	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY	2020	Aggr	egate
HHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																			0	0
Available Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0		0		0			0		0			0	(0		0
Phase 1 Only Advanced Technology Credit Summary																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out/Expired Credits																			0	0
AT Final Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0			0		0			0		0		0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Isuzu Motors (SZX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned			56,886	54,534			8,983	4,599	125,002
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits			-56,886						-56,886
Useful Life Credit Adjustment for Phase 2				19,632			3,234	1,656	24,522
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	74,166	0	0	12,217	6,255	92,638
Note:									

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	019	MY 2	2020	Aggre	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor												
Conventional Credits Earned															0		0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2															0		0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0)	0)	()	(0	0		0		0		0	
Note:																		

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY2	2018	MY	2019	MY 2	020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor												
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		()	()	0))	0		0		0		0	
Note:																		

Manufacturer: Kovatch Mobile (KME) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	vocational	vocational	v ocational	V ocational	Vocational	v ocational	v ocationai	vocationai	v ocational
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	0		()	0	1	0	1	0		0		0)
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0)	0		0)	0	1	0	1	0		0		0)
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	rough MY2027			

	MY		MY 2		MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY		Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned							3,002		3,338		2,643		2,026		5,063		16,072	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

																0	0
																0	0
																0	0
																0	0
																0	0
0	0	0	0	0	0	3,002	0	3,338	0	2,643	0	2,026	0	5,063	0	16,072	0
0		()		0	3,0	002	3,3	38	2,6	43	2,	,026	5	,063	16	,072
																0	0
																0	0
																0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0		()		0		0	(0)		0		0		0
	0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0 0 0 0 0 3,002 0 0 0 0 0 0 3,002 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0 0 0 3,002 3,338 2,6 0 <td< td=""><td>0 0 0 3,002 3,338 2,643 0</td><td>0 0 3,002 3,338 2,643 2 0 <</td><td>0 0 0 3,002 3,338 2,643 2,026 0</td><td>0 0 0 3,002 3,338 2,643 2,026 5 0</td><td></td><td>0 0 3,002 3,338 2,643 2,026 5,063 16 </td></td<>	0 0 0 3,002 3,338 2,643 0	0 0 3,002 3,338 2,643 2 0 <	0 0 0 3,002 3,338 2,643 2,026 0	0 0 0 3,002 3,338 2,643 2,026 5 0		0 0 3,002 3,338 2,643 2,026 5,063 16

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Kovatch Mobile (KME) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
						N 171 4040	N 17 1 A 0.4 0		

	MY	MY 2013 MY Vecational Tractor Vecational		2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()	0)	()	0		0		0		(
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked i	n MY2018+ Valid Tl	nrough MY2030			

	MY 2	2013			MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	019	MY 2	2020	Aggr	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()	()		0	0)	0		0		0		(
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Mitsubishi Fuso (MFT) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned		1,360	2,445	882	3,361	169	891	2,542	11,650
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-1,360	-2,445						-3,805
Useful Life Credit Adjustment for Phase 2				318	1,210	61	321	915	2,825
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	1,200	4,571	230	1,212	3,457	10,670
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned						7,072			7,072
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2						2,546			2,546
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	9,618	0	0	9,618
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0)	(0	0)	0	1	0		0		0		0)
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0)	(0	0		0		0		0		0		0	
Note:											All Manufacturers - I	AY2018-21 MHD	Vocational Only Banked	l Credits Valid Th	ough MY2027			

	MY 2	2013	MY 2	2014	MY2	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY2	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																			0	0
Available Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0		0		0			0		0			0	(0		0
Phase 1 Only Advanced Technology Credit Summary																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out/Expired Credits																			0	0
AT Final Credit Balance	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0			0		0			0		0		0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Mitsubishi Fuso (MFT) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY	MY 2013 MY Vecational Tractor Vecational		2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()	0)	()	0		0		0		(
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked i	n MY2018+ Valid Tl	nrough MY2030			

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	2019	MY 2	2020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		(0	0)	0		0		0		0)
Note:											Alternate Ph2 Transiti	on Certification- Al	ll HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Motor Coach Industries (MCH) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	vocational	vocational	v ocational	V ocational	Vocational	v ocational	v ocationai	vocationai	v ocational
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY	2020	Aggr	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		()	()	()	0)	0	1	0		0	1	()
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		()	()	()	0)	0	l i i i i i i i i i i i i i i i i i i i	0		0)	()
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	l Credits Valid Th	rough MY2027			

	2013	MY 2	2014	MY 2	2015	MY 2	2016	MY 2	2017	MY 2	2018	MY	2019	MY2	2020	Aggre	egate
Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
		18,312		18,975		20,456		17,967		32,067		28,204		43,029		179,010	0
																0	0
																0	0
																0	0
																0	0
																0	0
	Vocational	Vocational Tractor															

Retired Credits																	0	0
Expired Credits			-18,312		-18,975												-37,287	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	20,456	0	17,967	0	32,067	0	28,204	0	43,029	0	141,723	0
Available Averaging Set Credit Balance		0	()	20,456		17,96	57	32,	067	28	8,204	43,	,029	141,	,723
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned															2,046		2,046	0
AT Credits Earned AT Banked Credits In															2,046		2,046 0	0 0
															2,046		2,046 0 0	0 0 0
AT Banked Credits In	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,046 2,046	0	2,046 0 0 2,046	0 0 0 0
AT Banked Credits In AT Banked Credits Out/Expired Credits	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	2,046	0 046	0 0	0 0 0 0 946

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Motor Coach Industries (MCH) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
MHD Engine Credit Summary	MY 2013 Vocational Tractor	MY 2014 Vocational Tractor	MY 2015 Vocational Tractor	MY 2016 Vocational Tractor	MY 2017 Vocational Tractor	MY 2018 Vocational Tractor	MY 2019 Vocational Tractor	MY 2020 Vocational Tractor	Aggregate Vocational Tractor
Conventional Credits Earned									
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned									Vocational Tractor 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In									Vocational Tractor
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades In									Vocational Tractor 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades Out Trades In Trades Out Retired Credits Expired Credits Discounted Vocational Engine Credits for Phase 2									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Discounted Vocational Engine Credits for Phase 2 Manufacturer Resubmission									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades Out Trades In Trades Out Retired Credits Expired Credits Discounted Vocational Engine Credits for Phase 2 Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY)	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor		Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades Out Trades In Trades Out Retired Credits Expired Credits Discounted Vocational Engine Credits for Phase 2 Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Available Credit Balance	Vocational Tractor	VocationalTractor11 <td>VocationalTractorImage: state state</td> <td>Vocational Tractor</td> <td>VocationalTractorImage: state state</td> <td></td> <td></td> <td></td> <td>Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>	VocationalTractorImage: state	Vocational Tractor	VocationalTractorImage: state				Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades Out Trades In Trades Out Retired Credits Expired Credits Discounted Vocational Engine Credits for Phase 2 Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY)	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor		Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY 2	2020	Aggr	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()	0		(0	0)	0		0		0		()
Note:											Alternate Ph2 Transit	ion Certification- Al	ll HHD Credits Banked ir	MY2018+ Valid Th	rough MY2030			

Manufacturer: Navistar (NVX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned								909	909
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2								327	327
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	1,236	1,236
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned		8,393							8,393
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits		-8,393							-8,393
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:	LHD deficit reset to zero for MY13 only	Some AT credits used to offset LHD				All Manufacturers - MY2018-21 LHD	Banked Credits Valid Through MY2027		
		and MHD Engine deficits in MY2014					6		
		Remaining 433Mg expires after MY19							
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
MHD Vehicle Credit Summary	Vocational Tractor	MY 2014 Vocational Tractor	MY 2015 Vocational Tractor	MY 2016 Vocational Tractor	MY 2017 Vocational Tractor	MY 2018 Vocational Tractor	MY 2019 Vocational Tractor	MY 2020 Vocational Tractor	Aggregate Vocational Tractor
MHD Vehicle Credit Summary Conventional Credits Earned									
	Vocational Tractor		Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor
Conventional Credits Earned	Vocational Tractor		Vocational Tractor 68,834 6,942	Vocational Tractor	Vocational Tractor	Vocational Tractor 157,403 6,227	Vocational Tractor	Vocational Tractor 386,514 47,802	Vocational Tractor 1,150,887 113,710
Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned	Vocational Tractor		Vocational Tractor 68,834 6,942	Vocational Tractor	Vocational Tractor	Vocational Tractor 157,403 6,227	Vocational Tractor	Vocational Tractor 386,514 47,802	Vocational Tractor 1,150,887 113,710 11,307 79
Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In	Vocational Tractor		Vocational Tractor 68,834 6,942	Vocational Tractor	Vocational Tractor	Vocational Tractor 157,403 6,227	Vocational Tractor	Vocational Tractor 386,514 47,802	Vocational Tractor 1,150,887 113,710 11,307 79
Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out	Vocational Tractor		Vocational Tractor 68,834 6,942	Vocational Tractor	Vocational Tractor	Vocational Tractor 157,403 6,227	Vocational Tractor	Vocational Tractor 386,514 47,802	VocationalTractor1,150,887113,71011,307790000
Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out	Vocational Tractor		Vocational Tractor 68,834 6,942	Vocational Tractor	Vocational Tractor	Vocational Tractor 157,403 6,227	Vocational Tractor	Vocational Tractor 386,514 47,802	VocationalTractor1,150,887113,71011,307790000
Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits	Vocational Tractor 142,054 2,806		Vocational Tractor 68,834 6,942 79	Vocational Tractor	Vocational Tractor	Vocational Tractor 157,403 6,227	Vocational Tractor	Vocational Tractor 386,514 47,802	VocationalTractor1,150,887113,71011,3077900000000000000000000
Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits	Vocational Tractor		Vocational Tractor 68,834 6,942	Vocational Tractor	Vocational Tractor	Vocational Tractor 157,403 6,227	Vocational Tractor	Vocational Tractor 386,514 47,802	VocationalTractor1,150,887113,71011,3077900000000000000-210,888-9,827
 Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Manufacturer Resubmission 	Vocational Tractor 142,054 2,806		Vocational Tractor 68,834 6,942 79	Vocational Tractor	Vocational Tractor	Vocational Tractor 157,403 6,227	Vocational Tractor	Vocational Tractor 386,514 47,802	VocationalTractor1,150,887113,71011,3077900000000000000-210,888-9,827
 Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Expired Credits Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) 	Vocational Tractor 142,054 2,806		Vocational Tractor 68,834 6,942 79	Vocational Tractor	Vocational Tractor	Vocational Tractor 157,403 6,227	Vocational Tractor	Vocational Tractor 386,514 47,802	VocationalTractor1,150,887113,71011,3077900000000000000-210,888-9,827
 Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Expired Credits Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Custom Chassis Deficit Transfer (Small Manufacturers Only) 	Vocational Tractor 142,054 2,806	Vocational Tractor	Vocational Tractor 68,834 6,942 79	Vocational Tractor 54,000 16,091 - - - </td <td>Vocational Tractor 127,160 11,789</td> <td>Vocational Tractor 157,403 6,227 2,251 -</td> <td>Vocational Tractor 214,922 22,053</td> <td>Vocational Tractor 386,514 47,802 9,056 </td> <td>VocationalTractor1,150,887113,71011,3077900</td>	Vocational Tractor 127,160 11,789	Vocational Tractor 157,403 6,227 2,251 -	Vocational Tractor 214,922 22,053	Vocational Tractor 386,514 47,802 9,056	VocationalTractor1,150,887113,71011,3077900
 Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Expired Credits Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Custom Chassis Deficit Transfer (Small Manufacturers Only) Available Credit Balance 	Vocational Tractor 142,054 2,806 -142,054 -2,806 0 0		Vocational Tractor 68,834 6,942 79 -68,834 -7,021 0 0	Vocational Tractor 54,000 16,091 - - - </td <td>Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789</td> <td>Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227</td> <td>Vocational Tractor 214,922 22,053 214,922 22,053</td> <td>Vocational Tractor 386,514 47,802 9,056 </td> <td>VocationalTractor1,150,887113,71011,3077900000000000000-210,888-9,82700000000000000000000000000951,306103,962</td>	Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789	Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227	Vocational Tractor 214,922 22,053 214,922 22,053	Vocational Tractor 386,514 47,802 9,056	VocationalTractor1,150,887113,71011,3077900000000000000-210,888-9,82700000000000000000000000000951,306103,962
 Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Expired Credits Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Custom Chassis Deficit Transfer (Small Manufacturers Only) Available Credit Balance Available Averaging Set Credit Balance 	Vocational Tractor 142,054 2,806	Vocational Tractor	Vocational Tractor 68,834 6,942 79	Vocational Tractor 54,000 16,091 - - - </td <td>Vocational Tractor 127,160 11,789</td> <td>Vocational Tractor 157,403 6,227 2,251 -</td> <td>Vocational Tractor 214,922 22,053</td> <td>Vocational Tractor 386,514 47,802 9,056 </td> <td>VocationalTractor1,150,887113,71011,3077900</td>	Vocational Tractor 127,160 11,789	Vocational Tractor 157,403 6,227 2,251 -	Vocational Tractor 214,922 22,053	Vocational Tractor 386,514 47,802 9,056	VocationalTractor1,150,887113,71011,3077900
 Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Expired Credits Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Custom Chassis Deficit Transfer (Small Manufacturers Only) Available Credit Balance Available Averaging Set Credit Balance Phase 1 Only Advanced Technology Credit Summary 	Vocational Tractor 142,054 2,806 -142,054 -2,806 0 0	Vocational Tractor	Vocational Tractor 68,834 6,942 79 -68,834 -7,021 0 0	Vocational Tractor 54,000 16,091 - - - </td <td>Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789</td> <td>Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227</td> <td>Vocational Tractor 214,922 22,053 214,922 22,053</td> <td>Vocational Tractor 386,514 47,802 9,056 </td> <td>VocationalTractor1,150,887113,71011,3077900000000000000-210,888-9,82700000000000000000000000000951,306103,962</td>	Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789	Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227	Vocational Tractor 214,922 22,053 214,922 22,053	Vocational Tractor 386,514 47,802 9,056	VocationalTractor1,150,887113,71011,3077900000000000000-210,888-9,82700000000000000000000000000951,306103,962
Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Expired Credits Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Custom Chassis Deficit Transfer (Small Manufacturers Only) Available Credit Balance Available Averaging Set Credit Balance Phase 1 Only Advanced Technology Credit Summary AT Credits Earned	Vocational Tractor 142,054 2,806 -142,054 -2,806 0 0	Vocational Tractor	Vocational Tractor 68,834 6,942 79 -68,834 -7,021 0 0	Vocational Tractor 54,000 16,091 - - - </td <td>Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789</td> <td>Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227</td> <td>Vocational Tractor 214,922 22,053 214,922 22,053</td> <td>Vocational Tractor 386,514 47,802 9,056 </td> <td>Vocational Tractor 1,150,887 113,710 11,307 79 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 -210,888 -9,827 0 0 0 0 0 0 0 0 951,306 103,962 1,055,268</td>	Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789	Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227	Vocational Tractor 214,922 22,053 214,922 22,053	Vocational Tractor 386,514 47,802 9,056	Vocational Tractor 1,150,887 113,710 11,307 79 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 -210,888 -9,827 0 0 0 0 0 0 0 0 951,306 103,962 1,055,268
 Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Custom Chassis Deficit Transfer (Small Manufacturers Only) Available Credit Balance Available Averaging Set Credit Balance Phase 1 Only Advanced Technology Credit Summary AT Credits Earned AT Banked Credits In 	Vocational Tractor 142,054 2,806 -142,054 -2,806 0 0	Vocational Tractor	Vocational Tractor 68,834 6,942 79 -68,834 -7,021 0 0	Vocational Tractor 54,000 16,091 - - - </td <td>Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789</td> <td>Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227</td> <td>Vocational Tractor 214,922 22,053 214,922 22,053</td> <td>Vocational Tractor 386,514 47,802 9,056 </td> <td>Vocational Tractor 1,150,887 113,710 11,307 79 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 -210,888 -9,827 0 0 0 0 0 0 0 0 951,306 103,962 1,055,268 - 0 0 0 0</td>	Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789	Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227	Vocational Tractor 214,922 22,053 214,922 22,053	Vocational Tractor 386,514 47,802 9,056	Vocational Tractor 1,150,887 113,710 11,307 79 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 -210,888 -9,827 0 0 0 0 0 0 0 0 951,306 103,962 1,055,268 - 0 0 0 0
 Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Custom Chassis Deficit Transfer (Small Manufacturers Only) Available Credit Balance Available Averaging Set Credit Balance Phase 1 Only Advanced Technology Credit Summary AT Credits Earned AT Banked Credits In AT Banked Credits Out/Expired Credits 	Vocational Tractor 142,054 2,806 -142,054 -2,806 0 0 0 0 0 0 0 0	Vocational Tractor	Vocational Tractor 68,834 6,942 79 -68,834 -7,021 0 0	Vocational Tractor 54,000 16,091 54,000 16,091 54,000 16,091 54,000 16,091	Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789 127,160 11,789 138,949 138,949	Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227 165,881 -	Vocational Tractor 214,922 22,053 214,922 22,053 214,922 22,053 236,975 236,975	Vocational Tractor 386,514 47,802 9,056	VocationalTractor1,150,8871113,710111,307790000000000000000-210,888-9,82700000000951,306103,962I,055,26800000000000000000000000000
 Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Custom Chassis Deficit Transfer (Small Manufacturers Only) Available Credit Balance Available Averaging Set Credit Balance Phase 1 Only Advanced Technology Credit Summary AT Credits Earned AT Banked Credits In AT Banked Credits In AT Banked Credits In AT Banked Credits In AT Banked Credits Out/Expired Credits AT Final Credit Balance 	Vocational Tractor 142,054 2,806 -142,054 -2,806 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Vocational Tractor Γ Γ Γ	Vocational Tractor 68,834 6,942 79 79 -68,834 -7,021 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Vocational Tractor 54,000 16,091 54,000 16,091 54,000 16,091 54,000 16,091 70,091 100 0 0	Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789 127,160 11,789 127,160 11,789 127,160 11,789 127,160 11,789 127,160 11,789 127,160 11,789 138,949 0	Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227	Vocational Tractor 214,922 22,053 214,922 22,053	Vocational Tractor 386,514 47,802 9,056	Vocational Tractor 1,150,887 113,710 11,307 79 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 -210,888 -9,827 0 0 0 0 0 0 0 0 951,306 103,962 1,055,268 - 0 0 0 0
 Conventional Credits Earned Phase 1 Off-Cycle/Phase 2 AT Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Custom Chassis Deficit Transfer (Small Manufacturers Only) Available Credit Balance Available Averaging Set Credit Balance Phase 1 Only Advanced Technology Credit Summary AT Credits Earned AT Banked Credits In AT Banked Credits Out/Expired Credits 	Vocational Tractor 142,054 2,806 -142,054 -2,806 0 0 0 0 0 0 0 0	Vocational Tractor	Vocational Tractor 68,834 6,942 79 -68,834 -7,021 0 0	Vocational Tractor 54,000 16,091 54,000 16,091 54,000 16,091 54,000 16,091	Vocational Tractor 127,160 11,789 127,160 11,789 127,160 11,789 127,160 11,789 138,949 138,949	Vocational Tractor 157,403 6,227 2,251 - 159,654 6,227 159,654 6,227 165,881 - 0 0 0 0	Vocational Tractor 214,922 22,053 214,922 22,053 214,922 22,053 236,975 236,975	Vocational Tractor 386,514 47,802 9,056	VocationalTractor1,150,8871113,710111,307790000000000000000-210,888-9,82700000000951,306103,962I,055,26800000000000000000000000000

	MY 2	2013	MY 2	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY2	2019	MY 2	2020	Aggr	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned	142,054	2,806			68,834	6,942	54,000	16,091	127,160	11,789	157,403	6,227	214,922	22,053	386,514	47,802	1,150,887	113,710
Phase 1 Off-Cycle/Phase 2 AT Credits Earned						79					2,251				9,056		11,307	79
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-142,054	-2,806			-68,834	-7,021											-210,888	-9,827
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	54,000	16,091	127,160	11,789	159,654	6,227	214,922	22,053	395,570	47,802	951,306	103,962
Available Averaging Set Credit Balance	0		0	1	0		70,0	091	138,	949	165,	881	236,	975	443,3	372	1,055	5,268
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0)	0		0		0		0		()
Note:											All Manufacturers - 1	MY2018-21 MHD V	Vocational Only Banked	l Credits Valid Th	ough MY2027			

	MY2		MY 2		MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggi	regate
HHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned	186,954	209,594			42,983	432,665	59,374	487,635	86,883	253,372	117,567	304,548	171,649	565,731	321,807	879,437	987,217	3,132,982
Phase 1 Off-Cycle/Phase 2 AT Credits Earned					1,860	17,331	1,292	8	509	74	549				3,941		8,151	17,413
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits	-186,954	-209,594			-44,843	-449,996											-231,797	-659,590
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	60,666	487,643	87,392	253,446	118,116	304,548	171,649	565,731	325,748	879,437	763,571	2,490,805
Available Averaging Set Credit Balance	/	0	0			0	548,	309	340	838	422	664	737	380	1,20	5,185	3,25	4,376
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits In AT Banked Credits Out/Expired Credits																	0 0	0 0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 0	0 0 0
AT Banked Credits Out/Expired Credits	0	0 D	0 0	0	0	0 0	0 0	0	0	0	0	0	0	0	0	0 0	0 0 0	0 0 0 0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Navistar (NVX) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
	vocational		vocational	vocational	vocational	vocational			
Conventional Credits Earned		-681					28,161	35,577	63,057
Phase 1&2 Off-Cycle Credits Earned		601							0
Banked Credits In		681							681
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2							10,138	12,808	22,946
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	38,299	48,385	86,684
Note:		MY14 NOTE: LHD engine deficit offset							
		with MY14 LHD Vehicle AT Credits							
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
MHD Engine Credit Summary	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor
Conventional Credits Earned		-6,211 -1,048	83,030 -50	70,179 -167	1,752				148,750 -1,265
Phase 1&2 Off-Cycle Credits Earned		- 1 1		· · · · · · · · · · · · · · · · · · ·					0 0
Banked Credits In		6,211 1,048	50	167					6,211 1,265
Banked Credits Out		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-50	-167					-217 0
Trades In				10,					0 0
Trades Out									0 0
Retired Credits									0 0
Expired Credits			-82,980						-82,980 0
Discounted Vocational Engine Credits for Phase 2			-82,980	-70,012	-1,752				-71,764 0
Manufacturer Resubmission				-70,012	-1,732				-/1,/64 0
									0 0
Miscellaneous Adjustments *(See Note Below MY)	0	0	0	<u> </u>	0	0	0	0	0 0
Available Credit Balance	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:		MY14 NOTE:MHD engine deficit offset							
		with MY14 LHD Vehicle AT Credits							
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
HHD Engine Credit Summary	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor
Conventional Credits Earned		130,740 -53,184	158,828 4,234	110,497 5,619	53,616 3,014	113,836 58,919	237,206 62,769	158,145 37,718	962,868 119,089
Phase 1&2 Off-Cycle Credits Earned									0 0
Banked Credits In		53,184							0 53,184
Banked Credits Out		-53,184							-53,184 0
Trades In									0 0
Trades Out									0 0
Retired Credits									0 0
Expired Credits		-77,556	-158,828 -4,234						-236,384 -4,234
Discounted Vocational Engine Credits for Phase 2				-110,497	-53,616	-81,848	-169,433	-112,961	-528,355 0
Manufacturer Resubmission									0 0
Miscellaneous Adjustments *(See Note Below MY)									0 0
Available Credit Balance	0 0	0 0	0 0	0 5,619	0 3,014	31,988 58,919	67,773 62,769	45,184 37,718	144,945 168,039
Available Averaging Set Credit Balance	0	0	0	5,619	3,014	90,907	130,542	82,902	312,984
Note:	U U	v	v	5,017	5,017	20,207	100,072	02,702	014,707
106.									

Manufacturer: New Flyer (NFA) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned					174		286		124								584	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits					-174												-174	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	286	0	124	0	0	0	0	0	0	0	410	0
Available Averaging Set Credit Balance	0)	()	()	28	86	12	4	0	1	0		0	1	41	.0
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0)	()	()	0)	0)	0		0		0	1	0	
Note:									All Manufacturers - MY2018-21 MHD Vocational Only Banked Credits Valid Thro					lid Through MY2027				

	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggre	regate
HHD Vehicle Credit Summary	Vocational			Vocational	Tractor													
Conventional Credits Earned					14,055		31,620		30,765		31,261		33,979		37,215		178,895	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits					-14,055												-14,055	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	31,620	0	30,765	0	31,261	0	33,979	0	37,215	0	164,840	0
Available Averaging Set Credit Balance		0		0		0	31,6	520	30,70	55	31,26	51	33,9	79	37,2	215	164,8	,840
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned									23,265		164,435		170,268		90,495		448,463	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	23,265	0	164,435	0	170,268	0	90,495	0	448,463	0
AT Averaging Set Available Credit Balance		0		0		0	0	1	23,20	65	164,4.	35	170,2	268	90,4	195	448,4	,463
Note:											Small Manufacturers (nlv-MY2018-2	1 HHD Vocational Only I	Banked Credits V	alid Through MY2027			

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: New Flyer (NFA) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
						3.637.0040			

	MY	MY 2013		2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		(0	0)	()	0		0		0		()
Note:										Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked in	n MY2018+ Valid Tl	hrough MY2030				

	MY 2	MY 2013 MY 2014		MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	019	MY 2	2020	Aggre	egate	
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0 0 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Available Averaging Set Credit Balance	0)	()	()		0	0)	0		0		0		0	
Note:						Alternate Ph2 Transiti		on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030							

Manufacturer: Oshkosh (OSH) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY2	2020	Aggr	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		()	0)	0	1	0		0		0	1	()
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		()	0)	0		0		0		0)	()
Note:											All Manufacturers - I	4Y2018-21 MHD	Vocational Only Banked	l Credits Valid Th	rough MY2027			

	MY 2	2013	MY 2		MY 2	2015	MY2	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			9,168		10,055		12,799		8,434		19,428		21,983		34,468		116,335	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																				0	0
Expired Credits				-9,168		-10,055	5													-19,223	0
Manufacturer Resubmission																				0	0
Miscellaneous Adjustments *(See Note Below MY)																				0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																				0	0
Available Credit Balance	0		0	0	0	0		0	12,799	0	8,434		0	19,428	0	21,983	0	34,468	0	97,112	0
Available Averaging Set Credit Balance		0			0		0		12	,799		8,434		19,4	28	21	1,983		34,468	97	,112
Phase 1 Only Advanced Technology Credit Summary																					
AT Credits Earned																				0	0
AT Banked Credits In																				0	0
AT Banked Credits Out/Expired Credits																				0	0
AT Final Credit Balance	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0			0		0			0		0		0			0		0		0
Note:														Small Manufacturers	Only-MY2018-2	1 HHD Vocational On	ly Banked Credit	s Valid Through MY2)27		

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Oshkosh (OSH) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0			0	0)	()	0		0)	0		()
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked i	n MY2018+ Valid Tl	hrough MY2030			

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	019	MY 2	020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0)	0)	()	0)	0		0		0		0	/
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: PACCAR Inc. (PCR) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned	5	212	67	65	37	58	63	133	640
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits	-5	-212	-67						-284
Useful Life Credit Adjustment for Phase 2				23	13	21	23	48	128
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	88	50	79	86	181	484
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY 2	2014	MY2	2015	MY 2	2016	MY 2	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned	4,322		16,883	23	24,614	405	27,010	-382	32,774	-3,182	45,426	-1,882	51,570	-2,578	107,797	-518	310,396	-8,114
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In								382		3,182		1,882		2,578		518	0	8,542
Banked Credits Out							-382		-3,182		-1,882		-2,578		-518		-8,542	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-4,322		-16,883	-23	-24,614	-405											-45,819	-428
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	26,628	0	29,592	0	43,544	0	48,992	0	107,279	0	256,035	0
Available Averaging Set Credit Balance	0		0		0		26,6	528	29,5	592	43,5	44	48,9	92	107,2	279	256,	035
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned															3,709		3,709	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,709	0	3,709	0
AT Averaging Set Available Credit Balance	0		0		0)	0		0	1	0		0		3,70	09	3,7	09
Note:											All Manufacturers - I	4Y2018-21 MHD	Vocational Only Banked	l Credits Valid Th	ough MY2027			

	MY 2	013	MY 2	014	MY 2	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY2	2020	Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned	32,808		209,120	-4,885	354,536	10,042	360,243	397,917	364,001	299,416	465,882	347,774	570,843	426,408	1,028,419	831,186	3,385,852	2,307,858
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In				4,885													0	4,885
Banked Credits Out			-4,885														-4,885	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits	-32,808		-204,235		-354,536	-10,042											-591,579	-10,042
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	360,243	397,917	364,001	299,416	465,882	347,774	570,843	426,408	1,028,419	831,186	2,789,388	2,302,701
Available Averaging Set Credit Balance	0		0			0	758	,160	663	8,417	813	,656	997	,251	1,85	9,605	5,09	2,089
Phase 1 Only Advanced Technology Credit Summary																		
Thase Tomy Auvanceu Teenhology Creat Summary																		
AT Credits Earned															1,037	9,547	1,037	9,547
															1,037	9,547	1,037 0	9,547 0
AT Credits Earned															1,037	9,547	1,037 0 0	9,547 0 0
AT Credits Earned AT Banked Credits In	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,037	9,547 9,547	1,037 0 0 1,037	9,547 0 0 9,547
AT Credits Earned AT Banked Credits In AT Banked Credits Out/Expired Credits	0	0	0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	1,037		0 0 1,037	0 0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: PACCAR Inc. (PCR) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
MHD Engine Credit Summary	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor
Conventional Credits Earned									0 0
Phase 1&2 Off-Cycle Credits Earned									0 0
Banked Credits In									0 0
Banked Credits Out									0 0
Trades In									0 0
Trades Out									0 0
Retired Credits									0 0
Expired Credits									0 0
Discounted Vocational Engine Credits for Phase 2									0 0
Manufacturer Resubmission									0 0
Miscellaneous Adjustments *(See Note Below MY)									0 0
Available Credit Balance	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:						Alternate Ph2 Transition Certification- All	MHD Credits Banked in MY2018+ Valid Th	hrough MY2030	
								-	
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
HHD Engine Credit Summary	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor
Conventional Credits Earned		326,065 34,426	537,598 67,663	718,430 71,794	730,166 33,112	875,172 47,235	1,175,446 275,695	266,169 -209,767	4,629,046 320,158
Phase 1&2 Off-Cycle Credits Earned									0 0
Banked Credits In								209,767	0 209,767
Banked Credits Out								-209,767	-209,767 0
Trades In									0 0
Trades Out									0 0
Retired Credits									0 0
Expired Credits		-326,065 -34,201	-537,598 -67,663						-863,663 -101,864
Discounted Vocational Engine Credits for Phase 2				-536,823	-386,433	-463,461	-568,027	0	-1,954,744 0
Manufacturer Resubmission		-225							0 -225
Miscellaneous Adjustments *(See Note Below MY)									0 0
Available Credit Balance	0 0	0 0	0 0	181,607 71,794	343,733 33,112	411,711 47,235	607,419 275,695	56,402 0	1,600,872 427,836
Available Averaging Set Credit Balance	0	0	0	253,401	376,845	458,946	883,114	56,402	2,028,708
Note:		MY14 NOTE: PACCAR resubmitted				Alternate Ph2 Transition Certification- All	HHD Credits Banked in MY2018+ Valid Th		

	MY 2	2013	MY 2	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY	2019	MY	2020	Aggr	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			326,065	34,426	537,598	67,663	718,430	71,794	730,166	33,112	875,172	47,235	1,175,446	275,695	266,169	-209,767	4,629,046	320,158
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																209,767	0	209,767
Banked Credits Out															-209,767		-209,767	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-326,065	-34,201	-537,598	-67,663											-863,663	-101,864
Discounted Vocational Engine Credits for Phase 2							-536,823		-386,433		-463,461		-568,027		0		-1,954,744	0
Manufacturer Resubmission				-225													0	-225
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	181,607	71,794	343,733	33,112	411,711	47,235	607,419	275,695	56,402	0	1,600,872	427,836
Available Averaging Set Credit Balance	0		0		()	253,	,401	376,	,845	458,9	946	883,	,114	56,4	402	2,028	8,708
Note:			MY14 NOTE: PACCA	AR resubmitted							Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked i	n MY2018+ Valid Tl	hrough MY2030			
			FOV	· · · · · · · · · · · · · · · · · · ·														

EOY report for error in tractor credits

Manufacturer: Rosenbauer Motors (RML) Qualified Small Manufacturer Indicator: No

LUD Vehicle Credit Summer	MY 2013 Vocational	MY 2014 Vacational	MY 2015 Vacational	MY 2016	MY 2017	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate
LHD Vehicle Credit Summary	vocational	Vocational	Vocational	Vocational	Vocational	vocational	vocational	vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY2	2013	MY	2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY 2	019	MY 2	020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0)	0		0	1	0		0		0		0		0	
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	
Note:											All Manufacturers - I	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	ough MY2027			

	MY 2	2013	MY 2		MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned															4,365		4,365	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,365	0	4,365	0
Available Averaging Set Credit Balance		0	0			0		0		0		0		0	2	4,365	4,	,365
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0	0			0		0		0		0		0		0		0
Note:											Small Manufact	arers Only-MY2018-21	HHD Vocational O	nly Banked Credits	Valid Through MY202	27		

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Rosenbauer Motors (RML) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational	Vocational							
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
MHD Engine Credit Summary	Vocational Tractor	Vocational Tract							
Conventional Credits Earned									0 0
Phase 1&2 Off-Cycle Credits Earned									0 0
Banked Credits In									0 0

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	019	MY	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()	()	(0	()	0		0		0		()
Note:											Alternate Ph2 Transiti	on Certification- Al	MHD Credits Banked ir	MY2018+ Valid Th	rough MY2030			

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	()	(0	0)	0		0		0		0	
Note:											Alternate Ph2 Transiti	on Certification- All	HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Spartan Fire (SFL) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	vocational	vocational	v ocational	V ocational	Vocational	v ocational	v ocationai	vocationai	v ocational
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	0)	0)	0		(0	l de la construcción de la constru	0		0)
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0)	0)	0)	0)	()	0	l de la constante de	0		0	1
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	<mark>l Credits Valid Th</mark>	rough MY2027			

	MY 2	2013	MY 2		MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	regate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned															6,049		6,049	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																							0	0
Expired Credits																							0	0
Manufacturer Resubmission																							0	0
Miscellaneous Adjustments *(See Note Below MY)																							0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																							0	0
Available Credit Balance	0	0	0		0	0		0	0		0	0	0		0	0	0		0	6,049		0	6,049	0
Available Averaging Set Credit Balance		0		0			0			0)		0			0			6,049		6,	,049
Phase 1 Only Advanced Technology Credit Summary																								
AT Credits Earned																							0	0
AT Banked Credits In																							0	0
AT Banked Credits Out/Expired Credits																							0	0
AT Final Credit Balance	0	0	0		0	0		0	0		0	0	0		0	0	0		0	0		0	0	0
	0	0																						
AT Averaging Set Available Credit Balance	U	0		0			0			0			0		0			0			0			0
	0	0		0			0			0)	Small Ma	0 anufacturers (<mark>)nly-MY2018-21 H</mark>	IHD Vocationa	0 al Only Bank	<mark>ked Credits Val</mark>	id Through MY	0 2027			0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Spartan Fire (SFL) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)		0	0)	()	0		0		0		()
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked in	n MY2018+ Valid Tl	hrough MY2030			

	MY2	2013	MY2	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	019	MY 2	2020	Aggr	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0)	0)	(0	()	0		0		0		()
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Terex Corp. (TRX) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	vocational	vocational	v ocational	V ocational	Vocational	v ocational	v ocationai	vocationai	v ocational
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0)	0		()	0	1	0	1	0		0		0)
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0)	0		0)	0	1	0	1	0		0		0)
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	Credits Valid Th	rough MY2027			

	MY 2		MY 2		MY 2	2015	MY	2016	MY		MY	2018	MY	2019	MY	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			4,055		4,160		12,241		1,383		2,215		2,320		1,944		28,318	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																						0	0
Expired Credits				-4,055		-4,160																-8,215	0
Manufacturer Resubmission																						0	0
Miscellaneous Adjustments *(See Note Below MY)																						0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																						0	0
Available Credit Balance	0		0	0	0	0		0	12,241	0	0	1,383	0	2,215		0	2,320	0	1,944		0	20,103	0
Available Averaging Set Credit Balance		0			0		0		1	2,241		1	,383		2,215		2	,320		1,944		20	,103
Phase 1 Only Advanced Technology Credit Summary																							
AT Credits Earned																						0	0
AT Banked Credits In																						0	0
AT Banked Credits Out/Expired Credits																						0	0
AT Final Credit Balance	0		0	0	0	0		0	0	0	0	0	0	0		0	0	0	0		0	0	0
AT Averaging Set Available Credit Balance		0			0		0			0			0		0			0		0			0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Terex Corp. (TRX) Qualified Small Manufacturer Indicator: No

MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
, ocuronal	, ocurional	, ocuronal		, ocuronai	, ocurronui	, ocurionar	, ocurionar	0
								0
								0
								0
								0
								0
								0
								0
								0
								0
								0
0	0	0	0	0	0	0	0	0
	MY 2013 Vocational	Vocational Vocational	Vocational Vocational	Vocational Vocational Vocational Vocational Vocational Vocational	Vocational Vocational Vocational Vocational Vocational Vocational Vocational Vocational	Vocational Vocational Vocational Vocational	Vocational Vocational Vocational Vocational Vocational	Vocational Vocational Vocational Vocational Vocational

	MY	2013	MY	2014	MY	2015	MY 2	2016	MY	2017	MY	2018	MY	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()	0)	()	0		0		0		(
Note:											Alternate Ph2 Transiti	on Certification- Al	l MHD Credits Banked i	n MY2018+ Valid Tl	nrough MY2030			

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	019	MY 2	020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0)	0)	()	0)	0		0		0		0	/
Note:											Alternate Ph2 Transiti	on Certification- Al	l HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Tiffin Motor Homes (TFF) Qualified Small Manufacturer Indicator: No

	MY 2013 Vacational	MY 2014	MY 2015 Vacational	MY 2016	MY 2017	MY 2018 Vecational	MY 2019 Vecctional	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned			1,256														1,256	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-1,256														-1,256	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0)	0)	0	1	0		0		0		0	
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0)	0)	0	1	0)	0		0		0	
Note:											All Manufacturers -	MY2018-21 MHD	Vocational Only Banked	<mark>l Credits Valid Th</mark>	rough MY2027			

	MY 2	2013	MY 2	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned			17,180														17,180	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits			-17,180														-17,180	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0		0		0		0		0		0		0		0
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0		0		0		0		0		0
Note:											Small Manufactur	ore Only MV2018 21	1 UUD Vocational	Only Banked Credits V	alid Through MV20	77		

MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
	MY 2021 Averaging Set Balance					

Manufacturer: Tiffin Motor Homes (TFF) Qualified Small Manufacturer Indicator: No

LHD Engine Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	Vocational	vocational	Vocational	Vocational	Vocational	Vocational	v ocational	Vocational	0 ()
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
	NAV 2012	N/S7 2014	NAX 2015	MT 2016	NAX7 2017	MX7 2010	MX7 2010	N/N/ 2020	A
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
MHD Engine Credit Summary	Vocational Tractor	Vocational Tract							
Conventional Credits Earned									0 0
Phase 1&2 Off-Cycle Credits Earned									0 0

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()	(0))	0		0		0		()
Note:											Alternate Ph2 Transiti	on Certification- All	I MHD Credits Banked ii	n MY2018+ Valid Tl	rough MY2030			

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	019	MY 2	020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0)	()	0)	0		0		0		0	
Note:											Alternate Ph2 Transiti	on Certification- Al	HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Van Hool N.V. (VNH) Qualified Small Manufacturer Indicator: No

LHD Vehicle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned	v ocutional	vocational	vocational	vocutionui	vocational	vocutionui	v ocutional	v ocutionul	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY 2	2013	MY2	2014	MY	2015	MY2	2016	MY	2017	MY	2018	MY 2	2019	MY 2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	0		0		0		0)	0		0		0		0)
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	
Note:											All Manufacturers - 1	MY2018-21 MHD	Vocational Only Banked	l Credits Valid Th	ough MY2027			

	MY 2	2013	MY 2		MY	2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggr	egate
HHD Vehicle Credit Summary	Vocational	Tractor																
Conventional Credits Earned									31,343		26,560		27,764		29,013		114,680	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	31,343	0	26,560	0	27,764	0	29,013	0	114,680	0
Available Averaging Set Credit Balance		0		0		0		0	31,3	343	26,5	60	2'	7,764	29,	013	114,0	680
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned															1,013		1,013	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Banked Credits Out/Expired Credits																		
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,013	0	1,013	0
	0	0	0	0 0	0	0 0	0	0 0	0	0	0	0	0	0	1,013 1,0	0	1,013	0 13

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Van Hool N.V. (VNH) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	2020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0)	()	()	(0		0	0		0		0)
Note:											Alternate Ph2 Transiti	on Certification- All	I MHD Credits Banked in	n <mark>MY2018</mark> + Valid Tl	rough MY2030			

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	2019	MY 2	2020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		(0	0)	0		0		0		0)
Note:											Alternate Ph2 Transiti	on Certification- Al	ll HHD Credits Banked in	MY2018+ Valid Th	rough MY2030			

Manufacturer: Volvo Group Trucks (VPT) Qualified Small Manufacturer Indicator: No

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						All Manufacturers - MY2018-21 LHD Ba	nked Credits Valid Through MY2027		

	MY2	2013	MY	2014	MY	2015	MY2	2016	MY	2017	MY 2	018	MY 2	2019	MY 2	020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned															3,063		3,063	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,063	0	3,063	0
Available Averaging Set Credit Balance	0		0		0)	0	1	(0		0		3,00	53	3,0	63
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0)	0		(0		0		0		0	
Note:											All Manufacturers - I	4Y2018-21 MHD V	ocational Only Banked	Credits Valid Th	ough MY2027			

Vocational 241,921	Tractor 34,829	Vocational 208,891	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
241,921	34,829	208 891	100 717												interior
		200,071	426,747	261,809	1,081,938	215,006	459,823	292,251	452,807	270,644	651,571	593,335	1,234,873	2,083,857	4,342,588
														0	0
														0	0
														0	0
														0	0
														0	0
															0 0 0 0 0 0

Retired Credits																		0	0
Expired Credits				-241,921	-34,829	-208,891	-426,747											-450,812	-461,576
Manufacturer Resubmission																		0	0
Miscellaneous Adjustments *(See Note Below MY)																		0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																		0	0
Available Credit Balance	0		0	0	0	0	0	261,809	1,081,938	215,006	459,823	292,251	452,807	270,644	651,571	593,335	1,234,873	1,633,045	3,881,012
Available Averaging Set Credit Balance		0		0			0	1,34	3,747	674	,829	745	5,058	922	,215	1,82	8,208	5,514	4,057
Phase 1 Only Advanced Technology Credit Summary																			
AT Credits Earned																	1 1 2 2 2		14 070
AT Cleans Earlied																5,236	14,270	5,236	14,270
AT Banked Credits In																5,236	14,270	5,236 0	14,270 0
																5,236	14,270	5,236 0 0	0 0
AT Banked Credits In	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5,236 5,236	14,270	5,236 0 0 5,236	0 0 14,270
AT Banked Credits In AT Banked Credits Out/Expired Credits	0	0	0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	5,236		0 0 5,236	0 0

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: Volvo Group Trucks (VPT) Qualified Small Manufacturer Indicator: No

	NAX 2012	N 177 201 4	N 177 201 5		NAS7 2017	N/N/ 2010	N (2010		•
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									
	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
MHD Engine Credit Summary	MY 2013 Vocational Tractor	MY 2014 Vocational Tractor	MY 2015 Vocational Tractor	MY 2016 Vocational Tractor	MY 2017 Vocational Tractor	MY 2018 Vocational Tractor	MY 2019 Vocational Tractor	MY 2020 Vocational Tractor	Aggregate Vocational Tractor
MHD Engine Credit Summary Conventional Credits Earned									
									Vocational Tractor
Conventional Credits Earned									VocationalTractor00
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned									VocationalTractor0000
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In									VocationalTractor0000
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades In									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades Out Trades In Trades Out Retired Credits Expired Credits Discounted Vocational Engine Credits for Phase 2									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades Out Trades In Trades Out Retired Credits Expired Credits Discounted Vocational Engine Credits for Phase 2 Manufacturer Resubmission									Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades Out Trades In Trades Out Retired Credits Expired Credits Discounted Vocational Engine Credits for Phase 2 Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Available Credit Balance	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor		Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades Out Trades In Trades Out Retired Credits Expired Credits Discounted Vocational Engine Credits for Phase 2 Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Available Credit Balance Available Averaging Set Credit Balance	VocationalTractorImage: state	VocationalTractorImage: 1 minipage of the second s	VocationalTractorImage: 1 minipage of the second s	VocationalTractorImage: state	Vocational Tractor	Vocational Tractor	Vocational Tractor 0 0 0 0 0 0 0 0	Vocational Tractor 0 0 0 0 0 0 0 0	Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 Conventional Credits Earned Phase 1&2 Off-Cycle Credits Earned Banked Credits In Banked Credits Out Trades In Trades Out Retired Credits Expired Credits Discounted Vocational Engine Credits for Phase 2 Manufacturer Resubmission Miscellaneous Adjustments *(See Note Below MY) Available Credit Balance 	VocationalTractorImage: state	VocationalTractorImage: 1 minipage of the second s	VocationalTractorImage: 1 minipage of the second s	VocationalTractorImage: state	Vocational Tractor	Vocational Tractor	Vocational Tractor	Vocational Tractor 0 0 0 0 0 0 0 0	Vocational Tractor 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY	2019	MY	2020	Aggr	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			409,923	834,350	1,176,895	610,293	399,166	467,712	682,271	-438,947	604,416	-202,446	794,938	-195,230	5,477	-167,529	4,073,086	908,203
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In										438,947		202,446		195,230		167,529	0	1,004,152
Banked Credits Out						-162,052			-438,947		-202,446		-195,230		-5,477		-842,100	-162,052
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-409,923	-834,350	-1,176,895	-448,241											-1,586,818	-1,282,591
Discounted Vocational Engine Credits for Phase 2							-399,166		-243,324		-401,970		-599,708		0		-1,644,168	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	467,712	0	0	0	0	0	0	0	0	0	467,712
Available Averaging Set Credit Balance	0		0		0		467	,712	0)	0		0		0		467,	712
Note:											Alternate Ph2 Transition	on Certification- All	HHD Credits Banked in	n MY2018+ Valid Th	rough MY2030			

MY20 NOTE: Used expiring MY15

credits to offset MY20 deficit

Manufacturer: XOS Trucks Inc. (THO) Qualified Small Manufacturer Indicator: Yes

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Credit Summary	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational	Vocational
Conventional Credits Earned									0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Phase 1 Only Advanced Technology Credit Summary									
AT Credits Earned									0
AT Banked Credits In/Useful Life Credit Adjustment for Phase 2									0
AT Banked Credits Out/Expired Credits									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0
Note:						Small Manufacturers Only - All Phase 1	LHD Vehicle Banked Credits Valid Throu	gh MY2027	

	MY 2	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY	2018	MY 2	2019	MY2	2020	Aggre	egate
MHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned															21		21	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	21	0
Available Averaging Set Credit Balance	0		()	()	0		0)	0		0	1	22	1	2	1
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned															3,465		3,465	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,465	0	3,465	0
AT Averaging Set Available Credit Balance	0		()	()	0		0)	0		0		3,4	65	3,4	65
Note:											Small Manufacturers	Only - All Phase	1 MHD Vehicle Banked	Credits Valid Thr	ough MY2027			

	MY 2	2013	MY 2	MY 2014		2015	MY	2016	MY	2017	MY	2018	MY	2019	MY	2020	Aggre	egate
HHD Vehicle Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned																	0	0
Phase 1 Off-Cycle/Phase 2 AT Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0

Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer (Small Manufacturers Only)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		()		0		0		0		0		0		0		0
Phase 1 Only Advanced Technology Credit Summary																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out/Expired Credits																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		()		0		0		0		0		0		0		0
	v			-														

Custom Chassis Vehicle Credit Summary	MY 2021 Averaging Set Balance	MY 2022 Averaging Set Balance	MY 2023 Averaging Set Balance	MY2024 Averaging Set Balance	MY2025 Averaging Set Balance	MY2026 Averaging Set Balance	MY2027 Averaging Set Balance
School Bus							
Motor Home							
Coach Bus							
Other Bus							
Refuse Hauler							
Concrete Mixer							
Mixed-Use Vehicle							
Emergency Vehicle							
Drayage Tractor							

Manufacturer: XOS Trucks (Inc.) Qualified Small Manufacturer Indicator: Yes

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Engine Credit Summary	Vocational								
Conventional Credits Earned									0
Phase 1&2 Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
Note:									

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	2019	MY 2	020	Aggr	egate
MHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0 0				0	(0		0	0		0		0		()	
Note:	ů č										Alternate Ph2 Transiti	on Certification- Al	ll MHD Credits Banked in	n MY2018+ Valid T	rough MY2030			

	MY	2013	MY	2014	MY	2015	MY	2016	MY	2017	MY 2	2018	MY 2	2019	MY 2	2020	Aggre	egate
HHD Engine Credit Summary	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned																	0	0
Phase 1&2 Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Vocational Engine Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		(0	0)	0		0		0		0	
Note:	U U									Alternate Ph2 Transiti	on Certification- Al	ll HHD Credits Banked in	MY2018+ Valid Th	rough MY2030				