United States
Environmental Protection
Agency

Solid Waste
and Emergency Response
(5305W)

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EPA

Vehicular Products Containing Recovered Materials

VEHICULAR PRODUCTS

This list of manufacturers and suppliers of items containing recovered materials has been prepared to facilitate implementation of the U.S. Environmental Protection Agency's (EPA) Comprehensive Procurement Guideline (CPG) and to assist customers interested in the purchase and use of products containing recovered materials. Manufacturers can provide the names and locations of regional or local suppliers.

Each listing is based on information provided by the manufacturer. Product information has not been verified, and no guarantee, expressed or implied, is made as to the accuracy or completeness of the information provided. Inclusion in this listing does not represent an endorsement by EPA.

For information on, or copies of the CPG, contact EPA's RCRA Hotline at 800 424-9346 or access EPA's Reduce, Reuse, Recycle...Through Procurement Website at **www.epa.gov/epaoswer/non-hw/**.

This list contains information on the following products or supplies:

RE-REFINED LUBRICATING OILS:

- **Manufacturers**
- **Vendors/Distributors**

RETREAD TIRES:

- **Associations**
- **Companies**

ENGINE COOLANTS

RE-REFINED LUBRICATING OILS

Manufacturers

Chevron U.S.A. Products Company
575 Market Street
San Francisco, CA 94105
Contact: Technical Assistance
Phone: 800 582-3835
Fax: 415 894-8552

Brand Name: ECO
Distribution: United States
Products:

- Engine lubricating oils
  Viscosity: 5W30, 10W30, 10W40, 15W40, 10WSAE, 20WSAE, 30WSAE, 40WSAE, 50WSAE, 20W50
  API Service: SG, CD, EC-II
  Packaging: Drums and bulk

- Heavy duty motor oils
  Viscosity: 15W40
  API Service: CF-4, CE, CD, CD-II, SG
  Packaging: Drums and bulk

- Hydraulic oils AW
  Viscosity: ISO 32, 46 and 68 grades
  Packaging: Drums and bulk

DeMenno/Kerdoon
2000 North Alameda Street
Compton, CA 90222
Contact: Richard Heim
Phone: 310 537-7100, Ext. 341
Fax: 310 639-2946

Brand: Sold and labelled by repackagers
Distribution: Western United States
Products:

- Engine lubricating oils
  Viscosity: 10W30 and 10W40
  API Service: SF/CC
  Packaging: Bulk

Ecogard, Inc., Promax Division
A subsidiary of Valvoline
3499 Dabney Drive
P.O. Box 14047
Lexington, KY 40509
Contact: Sales Department
Phone: 606 357-7389
Fax: 606 357-2363

Brand: Ecogard
Distribution: United States
Products: Engine lubricating oils, hydraulic fluids

Evergreen Oil, Inc.
5000 Birch Street, Suite 500
Newport Beach, CA 92660
Contact: Christine Dillon
Phone: 714 757-7770
Fax: 714 474-9149

Brand: Evergreen, other products sold and labeled by repackagers
Distribution: United States
Products: Basestock, packaged motor oils, hydraulic fluids

Great Northern Petroleum, Inc.
Five Churchill Drive
York, PA 17403
Contact: Percy Glynn
Phone: 717 741-3839
Fax: 717 741-0931

Brand: Sold and labeled by repackagers
Distribution: United States and Canada
Products: Lubricating oils, hydraulic oils, custom blended products

Mohawk Lubricants, Ltd.
130 Forester Street
North Vancouver, British Columbia V7H 2M9
Canada
Contact: Chris Stevens
Phone: 604 929-1282
Fax: 604 929-8371

Brands: Mohawk Oil, Spartan Oil, Canadian Pride
Distribution: Primarily Canada, basestock in Northwestern United States
Products:

- Engine lubricating oils
  Viscosity: Full range
  API Service: SF/SG/CC/CD/CD-II/CE
  Packaging: Drum, bulk, 1 liter, 4 liter, 20 liter pail

Rich Coast Resources, Ltd.
10200 Ford Road
Dearborn, MI 48126
Contact: Linda C. Truxell
Phone: 313 582-8866
Fax: 313 582-1422

Products:

- Crankcase and lube oil

Viscosity:	100F	202.2 SUS
	210F	46.9 SUS
	40C	42.8 Centistrokes

Safety-Kleen Oil Recovery
6325 Joliet Road
Countryside IL 60525
Contact: Jim Hoffman
Phone: 773 229-1500
Fax: 773 229-0666

Distribution: United States
Products:

- Engine lubricating oils
  Viscosity: 5W30, 10W30, 10W40, 15W40, 10WSAE, 20WSAE, 30WSAE, 40 WSAE, 50WSAE, 20W50
  API Service: Full range SG/CC/CD/CE
  Packaging: Quarts, pails, drums and gallons for 15W40 and 30WSAE

- Hydraulic fluid
  Packaging: Pails and drums

- Gear oils
  Packaging: Pails, kegs and drums; 80W90/GL5 also available in gallons

Vendors/Distributors

Coast Oil Company
4250 Williams Road
San Jose, CA 95129
Contact: Mark Mitchell
Phone: 408 252-7720
Fax: 408 255-5263

Brand: Evergreen
Distribution: Western United States
Products:

- Engine lubricating oils
  Viscosity: All straight weight oils

Defense Supply Center Richmond
8000 Jefferson Davis Highway
Richmond, VA 23297-5762
ATTN: DSCR-XA
Contact: Ms. Robin Champ, Product Executive
Phone: 804 279-4908 or (DSN) 695-4908
Fax: 804 279-5695
Email: rchamp@dscr.dla.mil

Brand:
Distribution: Federal and military customers through the supply system
Products:

- Re-refined MIL SPEC motor oil
  Viscosity: 15w40
  Packaging: Quarts, cans, and drums

- Re-refined commercial heavy-duty diesel engine oil
  Viscosity:15W40, 30W, and 40W
  Packaging: Quarts, containers, and drums

- Re-refined commercial administrative engine oil
  Viscosity: 10W30 and 5W30
  Packaging: Quarts, containers, and drums

Enviropur Waste Refining & Technology, Inc.
7601 West 47th Street
McCook, IL 60525
Contact: John Charlton
Phone: 708 442-6000, Ext. 1220
Fax: 708 441-6027

Brand: Supplier to blenders
Distribution: United States
Products: Base oils

Lyondell Petrochemical Company
12000 Lawndale Avenue
P.O. Box 2451
Houston, TX 77252-2451
Contact: Rod Dougan
Phone: 713 321-4310
Fax: 713 321-4700

Brand: Enviroil
Distribution: United States
Products:

- Engine lubricating oils
  Viscosity: 10W30
  API Service: SG/CD Energy Conserving II
  Packaging: Quarts, drums and bulk

- Anti-wear hydraulic oils
  Viscosity: ISO 32, 46 and 68 grades
  Packaging: Drums and bulk

- Diesel engine lubricating oils
  Viscosity: 15W40, SAE30
  API Service: CF-4/CDII/SG
  Packaging: Quarts, drums and bulk

RETREAD TIRES

For additional information about tire retreading and tire repairing, contact the Tire Retread Information Bureau (TRIB) at 408 372-1917 or toll free in the United States and Canada at 888 473-8732, or via the Internet at **retreads@aol.com**.

Associations

International Tire and Rubber Association (ITRA)
P.O. Box 37203
3332 Gilmore Industrial Boulevard
Louisville, KY 40233
Contact: Marvin Bozarth
Phone: 502 968-8900
Fax: 502 964-7859

The Tire Association
1250 I Street, NW., Suite 400
Washington, DC 20005-3989
Contact: John Buettner
Phone: 800 87-NTDRA
Fax: 202 682-3999

This association has a database available with 300 to 400 certified retread facilities.

Manufacturers

Bandag, Inc.
Bandag Center
Muscatine, IA 52761-5886
Contact: Frank Marano
Phone: 319 473-2820

Goodyear Tire and Rubber Company
Retread Division, Technical Center
1144 East Market Street
Akron, OH 44316
Contact: Thomas Martin, Customer Service
Phone: 330 796-8808
Fax: 330 796-2364

Hercules Rubber Company
1300 Morrical Boulevard
Findlay, OH 45840
Contact: Bill Haymayer, ReTread Department
Phone: 419 425-6400
Fax: 419 425-6453

Oliver Rubber Company
P.O. Drawer 1827
Athens, GA 30603-1827
Contact: Customer Service
Phone: 706 354-0810
Fax: 706 354-0338

Mohawk Rubber Company
P.O. Box 35634
Richmond, VA 23235-0634
Contact: Ed Burlason
Phone: 800 344-8291

ENGINE COOLANTS

Engine coolant recycling methods include (1) power flushing the radiator and then restoring the coolant to the vehicle, (2) collecting coolant for bulk recycling, (3) onsite servicing by a mobile unit which restores and sells back the recycled coolant to the customer, or (4) shipping the coolant to a central service center (the shipper must be prepared to bear the costs of clean-up should a spill occur). Some suppliers of on-site engine coolant recycling equipment and their products are listed below. There are a variety of processing methods whose costs and capacities vary greatly. Therefore, careful consideration should be given to unit and operating cost information provided below so that equipment purchases can be tailored to agency needs. Since no industry-wide standards exist for recycling equipment, the quality of the recycled product should be the final determinant. In making such determinations, several factors should be considered.

Does the equipment have an acceptable "inhibitor balance" to prevent corrosion in customer vehicles? What hazardous waste byproducts are produced as a result of the process? How can those byproducts be safely disposed (and what is the additional cost of that disposal)? Assessing available equipment was beyond the scope of this study. However, between 1990 and 1992, General Motors (GM) investigated several anti-freeze recycling processing units for use in GM warranty work. Wayne Bradley, a senior product engineer for GM STG, provided a list of six approved on-site machines (provided below) which emerged from their analysis. His report can be obtained through SEA Papers at 412 776-4841, No. 921634 for $5. Also included are FPPF and Marubeni products since they can provide evidence of their rigorous testing programs. GSA-listed High Tech products are also provided.

Manufacturers

Activ, Inc.
13901 North 73rd Street
Scottsdale, AZ 85260
Contact: Steve Henderson
Phone: 602 596-1013

Machine: Activ CR 2001 and Activ CR 5001
Recycling Process: Vacuum assisted distillation
Capacity: 2 gallons per hour and 5 gallons per hour

Antifreeze Recyclers of America
4149 Thistle Circle
Virginia Beach, VA 23462
Contact: Steve Jacobs
Phone: 757 495-4000

Machine: Proton Recycling Machine - a portable recycling unit with transfer rates of 4 gallons per minute
Recycling Process: Chemically assisted mechanical filtration

BG/PTS
701 South Wichita
Wichita, KS 67213
Contact: Harold Erwin, President
Phone: 316 269-1313
Fax: 316 265-1082

Machine: Cool'r Clean'r Coolant Purification System (Different models available)
Recycling Process: Filtration and dual bed de-ionization (patented)
Capacity: 1 vehicle/30 minutes or 120 gallons per hour

City Radiator, Inc.
430 Bridge Street
Trenton, NJ 08611
Contact: Bob Jones
Phone: 609 394-3077
Fax: 609 599-2563

Machine: AF250-Kleer-Flo
Recycling Process: Filtration, pre-treated chemical approved by General Motors
Capacity: 30 gallons-recycles 5 gallons an hour
Uses 100 percent recycled postconsumer antifreeze

Finish Thompson, Inc.
921 Greengarden Road
Erie, PA 16501-1591
Contact: Mark Bolash or Lou Nicholo, National Sales Managers
Phone: 814 455-4478
Fax: 814 455-8518

Machine: Model BE-15, BE-15C, or Model BE-55C
Recycling Process: Distillation
Capacity: 1 to 3.2 gallons per hour

FPPF Chemical Company, Inc.
117 West Tupper Street
Buffalo NY 14201-2193
Contact: Anthony L. Tucci
Phone: 716 856-9607
Fax: 716 856-0750

Machine: Glyclean Anti-Freeze Recycling System Models ARS 100, ARS 18, GSA # GS-07F-71670 until June 30, 1998, SIN 253-42
Recycling Process: Precipitation, aeration and filtration
Capacity: 100 gallons per hour and 18 gallons per hour

High-Tech Industries, Inc.
17029 Devonshire Street, #124
Northridge, CA 91325
Contact: John Randall or Gary Miller
Phone: 800 553-0509 or 818 993-9960
Fax: 818 993-4317

Machine: ARU Anti-Freeze Recycling Unit - transportable treatment unit GS-07F-71310 until June 30, 1998
Recycling Process: Advanced filtration, aeration, and chemical refortification
Capacity: Not applicable

Kleer-Flo
15151 Technology Drive
Eden Prairie, MN 55344
Contact: John Kusske
Phone: 800 328-7942
Fax: 612 934-3909

Machine: AF100 and AF250
Capacity: 30 gallons per hour

Marubeni
450 Lexington Avenue
New York, NY 10017
Contact: T. Wantanabe
Phone: 212 450-0530
Fax: 212 450-0755

Machine: Renewal 2000 Coolant Recycling System 76 Gal. storage tank
Recycling Process: Chemical reaction, micro-filtration, and ion-exchange
Capacity: 79.2 gallons per hour

Recycle Technologies, Inc.
151 Kings Row
Barrington, IL 60010
Contact: Gary L. Gunderson
Phone: 708 304-7868

Distribution: Illinois, Northern Indiana, and Southern Wisconsin

Robinair (Now SBX Corporation)
8001 Angling Road
Kalamazoo, MI 49002
Contact: Chad Reynolds, Service Manager
Phone: 800 822-5561
Fax: 616 329-0308

Machine: Prestone ProClean 75400
Recycling Process: Chemically assisted filtration
Capacity: 40 gallons per hour

Wynn Oil Company
1050 West Fifth Street
Azusa, CA 91702
Contact: Sales Department
Phone: 818 334-0231
Fax: 818 334-1456

Machine: Du-All and Mark X
Recycling Process: Chemical assisted filtration
Capacity: 45 gallons per hour and 1 vehicle per 90 minutes