



Vehicular Products Containing Recovered Materials

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

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

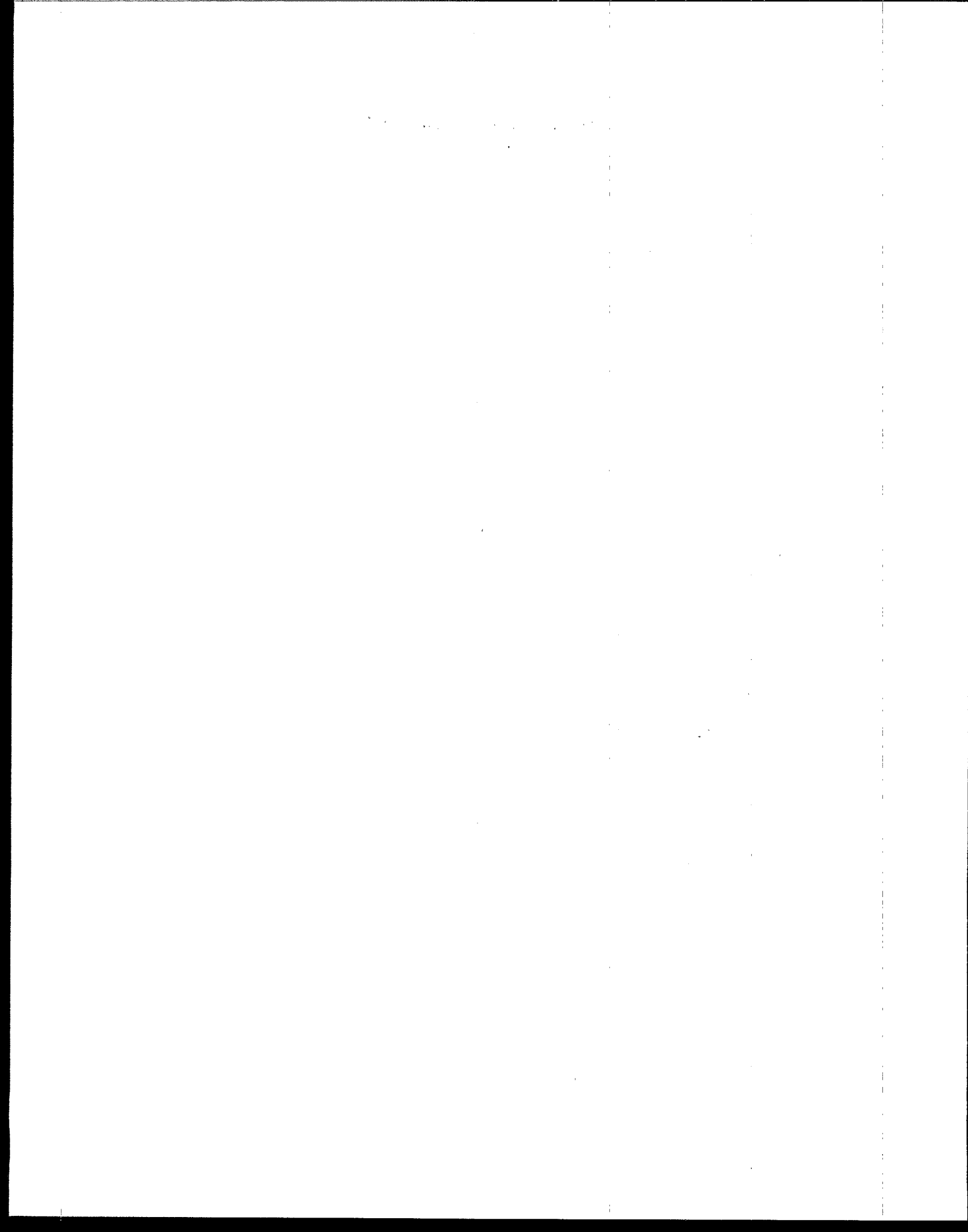
Vendors/Distributors

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