

Select Environmental Petroleum Management (SEPM)

Total Petroleum Management



As Houston's premier used oil, coolant and filter collection service, Select Environmental Petroleum Management (SEPM) helps determine how best to manage your waste streams in accordance with all necessary government regulations and current requirements for petroleum recycling.

Used Oil Management Services

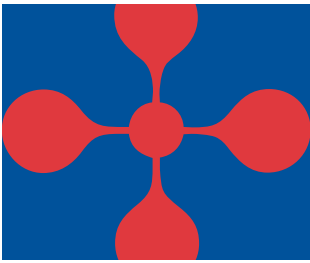
- ✘ SEPM is committed to Clean Texas 2000 and all environmental issues. We welcome the opportunity to service you and your environmental needs.
- ✘ At Select Environmental, we are committed to our customers and welcome the opportunity to recycle used oil, used oil filters, used antifreeze, VAC service and other industrial services.
- ✘ Customers joining our program realize reduced liability and an increased comfort factor through an environmentally sound recycling program. All materials will be transported, stored and processed according to all local, state and federal regulations.
- ✘ Select Environmental has an agreement to provide an effective used oil recycling program for our customers.
- ✘ Chevron/Texaco (FAMM) is a shipper/receiver of used oil fuel products. FAMM is currently blending approximately thirty-two million gallons annually to produce light and heavy vacuum gas oils.
- ✘ SEPM and Vertex Energy provide quality control. Our sampling procedures and retention of each individual sample is designed to insure the integrity of the product for our customers.



Benefits

- ✘ Collection of used oil will be exempt from classification as a hazardous waste by the new federal EPA used oil management standards (40CFR part 279) and all provisions thereof.
- ✘ TCEQ regulations [40 CFR 261.6 (4)] broadens the definition of used oil recycling to include processing to fuel.
- ✘ Computer generated tracking and reporting with a specific collection/process registration number assigned to each collection.
- ✘ \$5 million in automobile and pollution liability coverage.
- ✘ SPC and OPA 90 oil spill contingency plans.

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Requirements

EPA 40 CFR part 261 and 279

Used oil must meet specifications prior to removal.

- ✘ Product shall not be mixed with glycol, antifreeze, halogenated solvents, or 40 CFR 261 Subpart D: listed hazardous waste.

Specifications

	ASTM	MIN	MAX		MAX
API Gravity 60° F	D-287	20	0	Total Halogens, ppm	1000
BS&W,* Vol%	-	0	5	Arsenic, ppm	5
Flash Point, Deg. F	D-93	140	0	Cadium, ppm	25
Sulfur, Wt.%	D-1552	0	.07	Chromium, ppm	10
Viscosity cst @122° F	D-88	0	50	Lead, ppm	50
Pour Point, Deg. F	D-97	0	50	PCBs, ppm	0
Ash, Wt.%	D-482	0	.07		

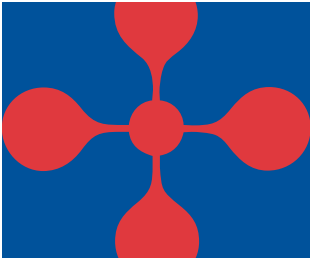
* Water by distillation (ASTM D-95) and sediment by extraction (ASTM D-483) combined is defined as BS&W.

Used Oil Filter Management

Benefits

- ✘ Recycled into a useable product.
- ✘ Reduces landfill waste.
 - All used oil filters are shredded, the metals, paper and rubber are segregated, sold and shipped to the steel industry.
 - Paper residuals considered non-hazardous/non-regulated are properly handled and blended for fuel.

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Requirements

TAC 330,1186(e)

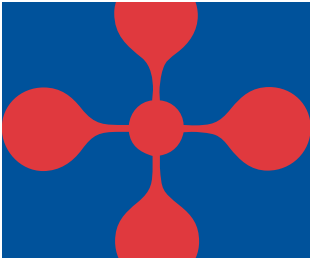
- ✘ Used oil filter generators shall ensure that all free flowing oil has been removed from used oil filters stored on site. Methods of removal include, but are not limited to, the following:
 - Puncturing the filter
 - Hot draining and crushing
- ✘ A generator must obtain and keep copies of all used oil filter shipping documentation. All documentation shall be retained on-site for a period of three (3) years.
- ✘ Generators shall prepare each container for shipment assuring that the containers are sealed and an identifying label/number is evident on the container which relates to the collection report.
- ✘ Used oil filter drums must be clearly labeled with the phrase "Used Oil Filters" in letters at least three (3) inches high.

Used Antifreeze Management

Benefits

- ✘ Reduce waste and lower operating cost:
 - No disposal fees
 - Less inventory
 - Meets or exceeds automotive and industrial specifications
 - Recycled to 50/50 blend
 - Analytical reports and MSDS provided
 - Full liability coverage
 - Does not void manufacturer's warranty – re: "Magnuson Moss Consumer Act"

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Requirements

Must meet specifications prior to removal:

- ✘ 22% ethylene glycol content minimum (+15 Deg. F)
- ✘ PH factor, > 7 to < 11pH
- ✘ Total dissolved solids < 3,000 ppm maximum
- ✘ Equal quantity to be purchased on an exchange basis

Process

Process includes filtration with inhibitor packages returned back into the product.

Established more than 75 years ago, O'Rourke Petroleum serves as a one-stop source for industry, offering comprehensive petroleum services that include lubricants; specialty fueling services; high-speed flushing, cleaning and lubricant reconditioning service (Lubrecon Systems, Inc.); and Select Environmental Petroleum Management (SEPM), Houston's premier environmental services provider for used oil, coolant and filter collection services.

Located minutes from the Port of Houston, O'Rourke strives to offer total petroleum management for a variety of markets, including petrochemical and refining, power generation, general manufacturing, transportation, automotive and aviation.