

Hazardous Waste Factsheet

“If your business recycles its oil or antifreeze then there is no upper limit to the amount you can manage in a month or year, and you do not have to report it to the State.”

Thurston County Public
Health and Social Services
Environmental Health Division

412 Lilly Rd. NE
Olympia, WA 98506-5132
Hazardous Waste Hotline:
360-867-2664

TDD Line: 360-867-2603

<http://www.co.thurston.wa.us/health/ehhw/index.html>



Antifreeze, Used Oil, and Oil Filters

Spent Antifreeze

Antifreeze is exempt from most dangerous waste regulations if it is recycled. Antifreeze is classified as a Washington State dangerous waste, if it contains more than 10% ethylene glycol, due to its toxicity. If your business produces antifreeze as a waste stream, you have two options: recycle it, or dispose of it as dangerous waste. Recycling can be on-site for reuse, or off-site by a vendor (see contact information for regional vendors on the reverse side). On-site recycling units may produce a sludge that designates as dangerous waste.

Used Oil

Used oil is exempt from most dangerous waste requirements if it is recycled. However, used oil cannot be managed under the used oil regulations if it is contaminated with dangerous wastes, such as solvents, PCBs, or other hazardous materials. In Thurston County, your options for used oil management consist of: shipping off-site to be recycled, recycling on-site in an approved space heater or boiler (see WAC 173-303-515), recycling through Thurston County's hazardous waste collection site (call 360-867-2664 for more information), or disposing as hazardous waste through a hazardous waste vendor.

Used oil space heaters must be designed for a maximum capacity of 0.5 million BTU's per hour and have their combustion gases vented to the outside. You can only burn your own oil, do-it-yourself used oil, and on-specification used oil without having to notify as a used oil burner. For questions concerning off-specification vs. on-specification used oil and requirements, including testing contact the Department of Ecology's Southwest Regional Office (360-407-6300) and ask for the Hazardous Waste and Toxics Reduction Program.

Spent Antifreeze and Used Oil Suggestions

Don't mix antifreeze or used oil with other materials such as water, brake fluid, solvents, or gas. Label waste antifreeze and used oil containers and keep them closed (animals are attracted to the sweet odor of antifreeze – and it's very toxic). Don't accumulate large volumes since you will need to provide secondary containment for all of it. Recycle often. Maintain your disposal and/or recycling paperwork for five years (longer if possible).

Regulatory Requirements

If your business recycles its oil and antifreeze, volumes of these materials do not count towards your generator status and do not need to be reported to Ecology.

If your business generates 220 pounds or more of dangerous waste in a month or accumulate greater than 2,200 pounds at any time, your facility is not a small quantity generator – you are a regulated generator. Regulated generators must comply with the Washington State Dangerous Waste Regulations (WAC 173-303).

Thurston County encourages businesses to recycle spent antifreeze and used oil as much as possible. Thurston County also requires businesses to retain their receipts or manifests documenting how much they recycled or disposed of, which vendor was used, where it was recycled or disposed, and when it was collected.

Used Oil Filters

Thurston County encourages business to recycle their used oil filters whenever possible. To recycle your used oil filters you must send them off-site (see vendor list below). Crushing your oil filters gets more of the oil out and may save you money since many disposal companies set their rates by volume. Most recycling companies accept both crushed and whole filters, but you should inquire about this service prior to selecting a vendor. Small quantities of used oil filters may be disposed as solid waste after they have been drained for at least 24 hours. Thurston County's Waste and Recovery Center will accept up to one 55-gallon drum of crushed or uncrushed used oil filters for disposal per business each year.

Vendors for Management of Antifreeze, Oil, or Oil Filters

The following list does not represent all vendors providing waste management services for used oil, antifreeze and oil filters. Additional vendors can be located in the Washington State Department of Ecology Hazardous Waste Services Directory www.ecy.wa.gov/apps/hwtr/hwsd/default.htm, under the category of "Used Oil Management".

Vendor Name	Phone Number	Antifreeze	Used Oil	Oil Filters
Arcom Oil	1-800-831-5243	X	X	X
American Petroleum Environmental Services	253-538-5252	X	X	X
Clean Harbors Environmental Services	1-800-444-4244	X	X	X
Emerald Services, Inc	1-888-832-3008	X	X	X
Phoenix Environmental Services	1-888-475-0116	X	X	X
Safety-Kleen	253-939-2022	X	X	X
Thermo Fluids	253-863-3310	X	X	X

Remember, you are liable for the waste antifreeze and used oil you generate until it is properly recycled or disposed. Here are some questions you may want to ask before selecting a vendor:

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| <ol style="list-style-type: none"> 1. How will my waste be managed? 2. Can you provide the names and phone numbers of current customers as references? 3. What documentation, labeling, and other paperwork are provided? (At a minimum, you should obtain a signed receipt for every shipment.) | <ol style="list-style-type: none"> 4. What type of insurance do you have? 5. Where will my waste go? 6. Do you test my waste on-site for the presence of hazardous waste contamination? What does this test cost and what do you do if contamination is detected? |
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Additional Information

Specialists from the Business Pollution Prevention Program are available to answer questions about the proper management of used oil and antifreeze, vendors, best management practices, and ways to calculate pollution prevention costs. Please contact the Business Pollution Prevention Program at (360) 867-2664, Monday through Friday during regular business hours, or TDD (360) 867-2603. For additional fact sheets and other information, please visit our website at www.co.thurston.wa.us/health/ehhw/index.html.