






CHEMICAL WASTE GUIDELINE

Waste Oil - Maintenance

Identification	Description	Used oil (petroleum-based or synthetic) generated from small equipment, pumps, and oil changes can be recycled when not mixed with chemicals. Oil that is to be disposed of, is known as "Waste Oil" in the state of Pennsylvania. Keeping used oil separated from other types of waste is vital to recycle this waste stream. If the used oil is mixed with hazardous chemicals, the waste could be classified as hazardous waste. Examples of waste oil include motor oil, synthetic oil, hydraulic oil, gear oil, compressor oil and pump oil.
	Classification	Non-Regulated Material – Waste Oil
	Potential Hazards	 <ul style="list-style-type: none"> Refer to chemical specific Safety Data Sheet (SDS) for specific hazard information.
Waste Minimization	Opportunities	<ul style="list-style-type: none"> Minimize the volume of waste by reducing any unnecessary dilution or addition of water. Avoid contamination with hazardous materials. If the oil has been contaminated or exposed to heavy metals, solvents, antifreeze and/or chemicals, it is potentially hazardous, and must be disposed of in accordance with EHRS hazardous waste disposal.
Supplies	The following supplies are available through Environmental Health and Radiation Safety (EHRS). To order these supplies, call (215) 707-2520 or complete the online Chemical waste request form	
	Supply	Description
		The Temple University - "Waste Oil" label must be affixed on all containers used to collect Waste Oil.

		<p>Used Oil waste must be collected in a closed container. The following containers may be used:</p> <ul style="list-style-type: none"> • 55-gallon drum • 5-gallon carboy <p>Store containers within appropriate secondary containers</p> <ul style="list-style-type: none"> • Spill pallets • Spill containment bins 
SAA Management	Accumulation Limits	<p>A maximum of 55 gallons of waste oil may be accumulated in any maintenance area/location/shop. (Satellite Accumulation Area (SAA)).</p>
	Personal Protective Equipment	 <p>Note: Always refer to glove manufacturer for chemical specific glove type.</p>
	Collection Procedures	<ul style="list-style-type: none"> • Select an appropriate waste collection container. • Refer to chemical labels or Safety Data Sheets (SDS) for incompatibilities. • All containers must be kept closed unless you are actively adding oil. • Do Not Overfill - Leave a 2" headspace. • Used oil must be clearly and appropriately labeled as "Waste Oil". • Begin to complete the "Waste Oil" label as soon as any material is placed in the selected container. • Do not mix chemicals into waste oil container.
	Storage	<ul style="list-style-type: none"> • Containers must be in good condition and not leaking. • Collection containers must be stored in designated Satellite Accumulation Areas (SAA). • All containers need to be protected from the weather and store on an impermeable surface. • Collection container must be properly segregated and stored in secondary containment. Secondary containment must be able to contain 110% of the volume of the largest container in the area. Example-30-gallon drum must be stored on secondary containment with 33-gallon capacity. • Containment area must be kept free of spill residue and debris. <i>Clean up all spills or leaks promptly.</i> • Store the collection container so that the "Waste Oil" label is clearly visible.

Disposal	Removal	<ul style="list-style-type: none"> • Complete the “Waste Oil” label to ensure that the: <ul style="list-style-type: none"> ○ Accumulation start date is when the first drop of oil is added. ○ Building and room location are updated. ○ Contact information is accurate. • Make sure that the label is affixed to the container and the container lid is closed tight. • When the container becomes $\frac{3}{4}$ full, request a waste collection from EHRS by: <ul style="list-style-type: none"> ○ Completing the online chemical waste collection request form.
	Special Collection Request	Contact EHRS to arrange for large collections of waste oil.
Other	Breakage/ Leakage	Contain the material and collect in a closed container. Request disposal through EHRS.
	Emergencies	<p>In the event of an emergency – Call campus safety at (215) 214-1234. EHRS [(215) 707-2520] should also be notified of the incident.</p> <p>Direct contact – Flush contaminated area with copious amounts of water (eyewash or safety shower) and then seek medical attention.</p> <p>Spill – Refer to the spill management sheet for general spill cleanup. Contact EHRS for additional assistance or guidance.</p> <p>Fire – ABC dry powder fire extinguisher should be adequate.</p>
	Questions	Contact Environmental Health and Radiation Safety (EHRS) at (215) 707-2520