

## Used Oil and Antifreeze



### Recycling Used Oil

Approximately 9.7 million gallons of used oil are generated in Kentucky each year. Used oil is the result of normal use in motor vehicles and motorized equipment. After use, used motor oil may contain a number of contaminants, including metals and organic chemicals. Proper management of used oil is important to help prevent contamination of your drinking water supplies.

#### Did You Know?

More than 50% of all automobile owners change their own oil. Used motor oil that is collected from do-it-yourself changers is critical to the used oil recycling program!

Many oil change services sell the used motor oil they collect as a way to cut costs. If you decide to have your oil changed, make sure that they recycle the oil and oil filters collected from your automobile or boat.

Before buying recycled oil, check the API Service Symbol "donut" to make sure the oil you are buying meets current performance specifications.

### Tips for Changing the Oil in Your Auto, RV, or Boat:

- Use a drip pan that will fit beneath your car, is easy to handle, and will contain all of the used motor oil, plus at least one quart;
- **Never** use cardboard or other materials to soak up used oil, because it can not be collected for recycling;
- Use a funnel to transfer used oil to a storage container. Soak up all spills immediately with paper towels, and throw away;
- Use a clean, leak-proof container with a screw-on top to store your used oil. You can use a plastic milk jug with a screw on cap, if labeled properly;
- **Never** use a container to store used oil that has held other household chemicals like bleach or anti-freeze;
- **Never** mix other wastes, such as paint thinner, gasoline, or anti-freeze with the used oil;
- Label the bottle clearly, "Used Motor Oil - Recycle";
- **Never** use used motor oil to start a fire, light charcoal, or as an herbicide/insecticide;
- Remove the used oil filter and drain to collect used oil. Store temporarily in a plastic bag labeled, "Used Oil Filter - Recycle"; and
- As soon as possible, take up to 5 gallons of used oil and the oil filter to the Recycling drop-off center!



### Recycling Antifreeze

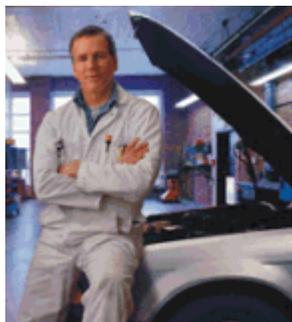
Every year, thousands of gallons of used antifreeze are generated in Kentucky. Antifreeze is toxic, even in small amounts. Poorly stored or spilled antifreeze poses a risk to pets and children, and can contaminate groundwater supplies. There are three types of antifreeze that you can use in your car, boat, or recreational vehicle:

- **Regular Antifreeze**, made of ethylene glycol, is considered to be a hazardous material, and must be handled carefully;

- ◆ **Biodegradable Antifreeze**, made of propylene glycol, is required for use in RVs and boats. This antifreeze degrades in the environment in a matter of weeks or months. In normal amounts, it is not considered as harmful to the groundwater or to the environment;
- ◆ **Long-life Antifreeze** contains many toxic chemicals and is considered to be a hazardous material. However, it is recommended for use when biodegradable antifreeze can't be used, because it produces less hazardous waste.

#### Tips for Handling Antifreeze:

- ◆ Don't change antifreeze unless necessary, to avoid producing hazardous wastes;
- ◆ Check with your dealer and see if you can use biodegradable antifreeze. It may even offer better corrosion protection!



- ◆ **Never** mix used antifreeze with oils, solvents, or other household chemicals. Never store used antifreeze in a container made for another chemical;
- ◆ Clean up spills immediately. You can spread cat litter on the spill, then shovel the damp litter into a plastic bag, or soak up the spill with paper towels. Place paper towels in a sealed container, and dispose of the contaminated materials in a Haz Bin; and
- ◆ Antifreeze can not go 'bad'—you can donate it to a friend who can use it, or take it to an auto shop for recycling.

You can recycle up to 5 gallons of used motor oil or antifreeze at your Recycling Drop-off Center:

**Recycling Drop-off Center**  
**595 Hubbards Lane**  
**Tuesday thru Saturday**  
**10 am to 5 pm**

You can dispose of used motor oil or antifreeze at the nearest HazBin:

**HazBin**  
**7501 Grade Lane**  
**Wednesdays & Saturdays**  
**9 am to 3 pm**

Have a question or need more information? Please contact:

Louisville Water Company  
 550 South 3<sup>rd</sup> Street ♦ Louisville, KY 40202  
 (502) 569-3600, ext. 1809  
[rnewman@lwcky.com](mailto:rnewman@lwcky.com)



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