5-MINUTE SAFETY TALK
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ANTIFREEZE

In order to move heat from an engine to a radiator, antifreeze is an essential component of the heat dissipation process. Antifreeze is typically composed of ethylene glycol, propylene glycol, or a different chemical that can fulfill the same function. Typically the chemical can become polluted with trace-amounts of fuel, miniscule pieces of metal, and other foreign matter. Antifreeze removed from motors is waste and should be managed appropriately. See instructions below to manage the used antifreeze:

STEP 1: **DO NOT** dispose of the waste in a sanitary sewage drain. Antifreeze should never be put in a regular waste-receptacle.

STEP 2: **DO NOT** combine waste antifreeze with old or used oil. Doing so will make it impossible to recycle the antifreeze.

STEP 3: Contain antifreeze in a vessel that will always remain enclosed. Take care of any discharges caused by improper containment and make sure they are re-contained adequately.

STEP 4: Label the storage receptacle "Antifreeze for Recycling"

STEP 5: Frequently check stored containers for leaks and correct them immediately, re-containing any spills.

STEP 6: Antifreezes with an ethylene glycol or propylene glycol base should be stored separately. Verify with your recycling or disposal company.

STEP 7: There are two options available for managing waste antifreeze. You can recycle on- or off-site or dispose of the chemicals off-site. In order to recycle on-site you will either require the proper purchasable appliances or need to hire someone to come on-site and do it.

STEP 8: All sediment that discharges while on-site recycling processes are going on need to be inspected to figure out if they are clear of benzene and lead, then disposed adequately as a toxic waste.

Safety Meetings/Training Sign In Sheet

Company Name: _____

Date of Meeting: _____ Instructor:_____

Topic: _____

Attending Employees

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