

Oil-CAT

Oil - Change Alternative Technology

Motor Oil/Fuel Blending System

The concept of oil blending has been around for years, but until now, there has not been an easy way to perform this process in a shop environment. The Oil-CAT from Clarus Technologies makes oil blending simple. Oil changes have never been easier or more valuable.

Cost Avoidance

- Save money
- Turn used motor oil into fuel
- Eliminate fluid handling
- Reduce off-site disposal

Description

At the time of designated oil change, used engine oil is drained from the oil sump, mixed with diesel or JP-8 from the fuel tank, and returned to the fuel tank of the vehicle. Used engine oil blended with diesel or JP-8 in percentages up to 7.5% meets EPA emission requirements, with no negative effects on engine performance.

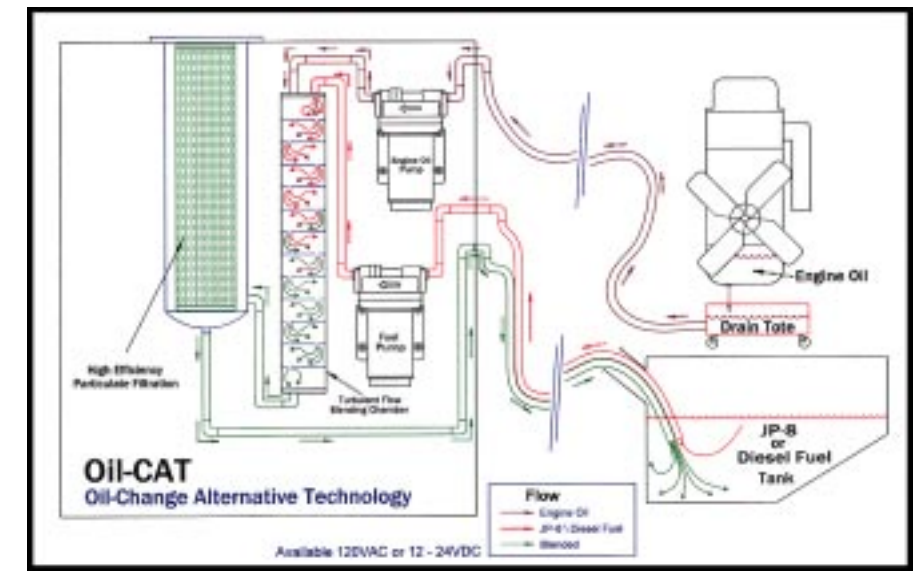
Saves Money

For each gallon of used oil blended, the cost of one gallon of diesel or JP-8 is saved. The cost of collecting, handling, storing and transporting used oil are eliminated.

Environmental Benefits

Virtually eliminate off-site waste and associated liability. This form of reutilizing offers an environmentally friendly method of disposing of used oil. The Oil-CAT reduces the possibilities of environmentally damaging spills and resultant clean-up costs.

How Easy?
Just turn the timer on and the Oil-CAT will do the rest. Filter pressure gauge alerts user when filter change is needed.



Flow Diagram



Oil and Fuel Inlet Strainers:
Protects pumps from debris and are easy to clean.

Oil Drain Tote:
Convenient mobile unit with hinged lid. Helps keep shops clean.



Internal Features:

- The Oil-CAT features dual pumps with an automated priming sequence.
- Oil and fuel are blended through a twelve stage blending chamber.
- High efficiency particulate filter. Blended fuel/oil is filtered to 1/2 micron.