

Important Information from **GGF**
Proud Makers of Green Gold Filters Micro Refineries



Can you use Waste Oils as Fuels & Fuel Additives Safely?

Running your vehicle or equipment on free fuel sounds great, but you *must* ask if the adage:

“If it's too good to be true, it probably is!” applies...

...The answer is both “Yes” and “No” depending on a few factors.

For this to be feasible for you, your equipment, Diesel, Turbine or Burner, must be capable of safely and efficiently burning oils as fuel.

Virtually any Diesel can run on almost any oil it can squeeze through its injectors, *however*, most newer engines have fuel systems and/or computers which may be problematic. **Most older Diesels thrive on almost any oil. ...And Last Longer.** For example, my 1987 Mercedes-Benz 300SDL has about 335,000 miles on it and the last 70,000+ miles have been burning Waste Vegetable Oil (WVO) for fuel which saved me about \$12,000. Today, it runs like a new car. To the contrary, however, some VWs have plastic in their fuel systems which deteriorates in WVO to make an expensive mess. ***The answer? Check. Check. Check.***

Do your research to see if your equipment is compatible!

Likewise, some Turbines and many heavier-oil burners may thrive on cleaned waste oils for fuel.

It used to be normal for Diesel operators to just add the waste oil from oil changes to their fuel tanks.

As fuel filters became more expensive, clogging caused this to cease to be a good value. Metals and acids contaminated the environment, so people quit and just paid for their fuel and got rid of used oils...

...so there is now a hidden danger:

...Diesel Fuel now has nearly NO Lubricity and its use has caused greatly accelerated wear on injection systems, etc., especially on older engines. Diesel operators are now forced to buy Lubricity Additives to protect their engines. Re-Refined Waste Oils can be great Lubricity Additives.

BUT don't I have to convert my engine to use waste oils? For most older engines, NO. The myth that an engine has to be converted is just that, a myth. It may be necessary to replace some fuel hoses and filters, or to add resistance heaters to the injector lines, but all that might cost \$150...NOT \$3000.

Now all you need is oil. Most smaller restaurants will give you their used cooking oil if you ask respectfully. Many small shops will give you their waste motor, transmission, hydraulic and even newer transformer oils (WMO). Many farmers and equipment operators have quantities of waste oils left over from oil changes and normally have to pay \$0.35-\$0.85/gallon to have it hauled away....**Almost all of that waste oil is potentially good fuel or fuel additive IF it is well cleaned.**

BUT if I use WVO, don't I have to make it into biodiesel? For most engines, NO. (Check MythBusters, etc., videos.) Making biodiesel is messy, uses toxic chemicals, and, if not perfectly made, it can make a mess of fuel systems...as the Asheville EMS fleet found to their dismay. Whereas, as my Mercedes and many trucks & other equipment demonstrate so clearly, ***cleaned WVO makes great fuel for many engines.***

How is this possible? We make inexpensive Micro Refineries that remove solid contaminants, as well as water-based contaminants such as acids & salts, in a single step without heat, electricity or chemicals.

**For more information, please call us at 828-333-4658
or visit our website at: www.wasteoiltofuel.com
for detailed information, videos and links to informative websites.**