

FuelPure™ Filtration Service

Whether for a fleet, truck stop or generator, fuel quality is mission critical. Poor fuel quality can affect your operation in many ways, from premature failures of fueling infrastructure to damaged vehicle engines. A key to preventing disruption from poor fuel quality is taking a proactive approach that allows you to identify problems forming in diesel while they're still manageable.

Tanknology's FuelPure Filtration Service offers an economical and effective way to address these problems.

Clean fuel means you always have fuel when you need it.

Clogged filters in the forecourt or generator can force operators and tank owners to change filters every few days. Frequent filter changes are only a temporary solution to a much more serious problem – the buildup of contaminants in the tank and fuel that must be removed.

Contaminates can enter fuel systems through fill pipes or spill bucket drains. They can be introduced during construction, maintenance work or during product delivery. Contaminates can originate inside the UST and take the form of internal corrosion or growing microorganisms. As a result, tank owners often experience frequent maintenance problems and damage to fueling system components.

The FuelPure Process



Tanknology's FuelPure Filtration Service eliminates contaminants, sediment and water from your fuel by utilizing a graduated, four-stage filtering system. The first step in the filtering process removes heavy sludge, sediments and contaminants from the fuel. Stage Two continues the cleaning process by filtering the fuel down to five microns. Water, the breeding ground for dangerous microorganisms, is removed in the third stage by the use of a coalescing filter. Stage Four uses an ultra-fine filter to remove any remaining water, sediment or fuel contaminants; thereby returning clean and healthy fuel to your tank.

To schedule a FuelPure Filtration Service on your site, call our experts at 1-800-964-1250 or visit Tanknology.com.



Environmental Compliance for Petroleum Systems



Details *at a Glance*

The FuelPure Process

- An intake and return hose are inserted into the tank.
- The intake hose is inserted near the pump where the majority of contaminants tend to accumulate. (The turbine pump is often removed from the UST for hose access.)
- Fuel is drawn up through the intake hose; both the intake and return hoses are moved in the tank during the filtration process.
- The initial filtering step removes the heavy tank bottom contaminant and all water, then the system is placed on full flow circulation.
- Observation of the contaminants being drawn into the system occurs through a clear section of the intake hose.
- Contaminated fuel is passed through as many as four separate filters, depending upon the type of contaminants encountered.
- The hose is then repositioned through the tank to ensure that all areas are clean and the fuel is free of contaminants.
- With high velocity, the clean fuel is returned to the tank through the return hose and the hose is moved to flush further contaminant toward the intake hose.

