Technol® 503
For Diesel Rail Injectors

Technical Data Sheet

Normal Usage

- Apply the recommended amount of Technol 503 directly to the fuel tank (see application chart)
- If the amount of fuel needed is not known, apply soon after the delivered amount is known. Technol 503 can be applied after a fuel delivery but mixing will not be as fast. It is best applied before refueling to insure faster mixing and distribution.

Stabilization During Storage

- Double dose the entire fuel tank capacity then top off the tank.
- After the application of Technol 503 and the refueling is complete, run the engine/s for at least 15 minutes to insure that Technol 503 conditioned fuel has been run through the entire fuel system.

Application

- **For initial** use apply at the ratio of 16ozs to every 60 gallons of fuel, or 1 gallon to every 500 gallons of fuel.
- **For maintenance**, apply at the ratio of 8ozs to every 60 gallons of fuel, or 1 gallon to every 1000 gallons of fuel.

PHYSICAL & CHEMICAL PROPERTIES

Material is: Liquid
Appearance: Amber Color
Flash point: 135° F Typical
Specific gravity@25°C (77°F): 0.90

Combats Sludge

Sludge detergents and dispersants break-up sludge small enough that most pass harmlessly through your fuel filter and injectors. Any larger particles while being broken down, that enter the fuel pick up are caught by the fuel filter, which is normal engine protection. Your diesel fuel is stabilized, which keeps sludge from fuel degradation from forming.

Increases Power

Cetane is increased by up to 5 numbers allowing combustion to start earlier and the engine to run smoother. Once combustion has started, our combustion enhancers provide for a more complete fuel burn. Both combined with a clean and efficient fuel system results in more available horsepower and torque from the same amount of fuel, leading to overall increased fuel economy**.**

Combats Algae And Water Buildup

If you have biological contamination you have water in your tank. Technol 503 allows water and diesel fuel to mix, this emulsion then leaves the tank as the engine calls for fuel. This is how water is removed from your tank. It is then burned during the combustion process and sent out as steam in the exhaust. When the water is gone, the environment required for biological life is also gone.

Corrosion protection

With continued use, Corrosion Inhibitors virtually stop further fuel system corrosion.