



Technol[®] 453

Winter Diesel Conditioner+

Diesel Conditioner With Cold Flow +

Technol 453 is a winter diesel fuel improver engineered to prevent gelled fuel and ice blockages. Cetane is raised for easier cold starts, fuel lubricity and combustion is increased while the entire fuel system is cleaned of sludge. Resulting in more Power and Torque with less fuel related downtime and maintenance costs.

Anti-Gel components that lower the Pour Point by up to 45°F, and the Cold Filter Plug Point (CFPP) is reduced by up to 22°F. This maintains proper fuel flow when it would otherwise gel in unconditioned fuel.

Prevents and Melts ice that cause frozen blockages and downtime. Once ice is melted, any free water within the fuel system or water absorbed by the fuel are prevented from refreezing, this "anti-freezing" action keeps the fuel flowing and the engine running.

Low Sulfur Diesel Fuel mandated by the EPA is good for the environment, but puts at risk the lubrication properties of the fuel. The only source of lubrication for Injectors and the fuel injection pump is the fuel that flows through it. When sulfur and various other components are reduced to produce low sulfur diesel fuel, the results are a substantial reduction in the natural lubricating properties of the fuel itself.

Technol Diesel Conditioners have been tested and the results show an increase in fuel lubricity of 12½% (Ball On Cylinder Lubricity Evaluator - B.O.C.L.E.). This protects and extends component service life, lowering maintenance costs and downtime when compared to the lack of fuel lubricity in low and ultra low sulfur diesel.

Improve the fuel - *Cetane enhancers* raise the Cetane level up to 3 numbers enabling faster fuel ignition, while *Combustion Improvers* provide for a more complete fuel burn, both working together, enable fuel to ignite sooner, burn longer, hotter for a more complete fuel burn. This increases available horsepower, torque, and fuel economy savings while reducing or eliminating soot output and carbon buildup.

Sludge Dispersants break up and dissolve fuel sediment sludge small enough that most pass harmlessly through filters and injectors. This enables your fuel system to operate at peak efficiency with a properly atomized fuel spray. A clean fuel system allows the engine to produce its designed optimum horsepower and torque further increasing economy.

Controls Water by allowing water and fuel to mix, water is then removed from the tank as the fuel is being used. This stops the buildup of water from rusting, corroding and contaminating the fuel system. Once water is removed, ice blockages are no longer a problem, also the environment for algae and bacteria is no longer present. Any water that the fuel can not "absorb" is rejected to the tank bottom for easy removal.

Corrosion Inhibitors with continued use, virtually stop further fuel system corrosion from occurring, preventing costly leaks and spills.

Stabilizes Fuel by keeping the fuel "Fresh", prevents sludge from forming, maintains fuel system cleanliness with optimum fuel and fuel system efficiency when needed.



Technol Fuel Conditioners, Inc.

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