



HydroClean Fuel Treatment

Diesel Force HydroClean is an advanced fuel treatment that uses HPB™ technology (Hydrogen Polar Bonding) to form an electro-chemical bond between the hydrogen atoms in the water molecules and the hydrogen atoms in a hydrocarbon fuel such as diesel, biodiesel, gasoline, gasohol, etc.

A Hydrogen Polar Bond is a chemical reaction that bonds, or adds, the water molecule to the hydrocarbon chain, incorporating it into the fuel. This has the effect of chemically eliminating the water and as an additional benefit, adds oxygen to the fuel. This produces a water free oxygenated fuel.



Competitive products typically use demulsifiers, which simply cause water to separate and fall to the bottom of the tank, where it accumulates and can eventually cause tank corrosion and support bacteria and fungal growth or emulsifiers, which temporarily suspend water in a solution requiring the fuel filter/separators to remove it. Depending on the quality of that filter system, it may or may not remove the water from that emulsion.

HPB™ is an Organic Surfactant chemistry, which naturally dissolves and disperses gums, varnishes, and carbon deposits. It will break down and remove existing deposits and prevent formation of new ones.

HydroClean uses another feature of the HPB technology to reduce the surface tension of the fuel. This allows the fuel injector to produce more, far smaller fuel droplets. As compared to untreated fuel, these smaller droplets have a far greater surface area, about 8 times more, with which to react with oxygen from the air. These smaller droplets therefore burn more quickly and more completely. This converts more of the fuels potential energy into usable work and reduces emissions.

HydroClean significantly reduces corrosion by removing water not only from the fuel, but also from the pores found in metals used in storage tanks and piping.

HydroClean also acts as an anti-icing agent working to prevent fuel line and fuel filter icing.

Diesel Force HydroClean is a highly concentrated product. The 1: 4000 treat rate far exceeds that of most of the competition.

Available Sizes	Part Number
HydroClean	
24/2 oz	DF671
12/8 oz	DF673
2/2.5 Gal	DF672
55 Gal	DF675