



These products enhance the performance of your diesel:



Diesel Kleen® +Cetane Boost®
Start with Diesel Kleen plus Cetane Boost. Protect the life of your injectors, lubricate the injection system, smooth rough running engines and restore lost power and fuel economy with this year-round performance improver.



Clear-Diesel® Fuel & Tank Cleaner
And Power Service knows that fuel and tank hygiene is just as critical to your diesel's performance and longevity. Use quarterly to remove water and slime from your fuel system. Got equipment or fuel that sits for extended periods of time? Clear-Diesel will help with that too, so that your fuel is fresh when you need it.



Bio Kleen® Diesel Fuel Biocide
Keep a bottle of Bio Kleen Diesel Fuel Biocide on hand in case you end up with contaminated fuel. It can also be used with Clear-Diesel for long-term storage of fuel and equipment.

and become established quickly. They grow on all interior surfaces of the fuel tank and encase themselves in their own excrement, seen on fuel filters as a black or brown slimy mucous-like substance.

The excrement is acidic and causes fuel tank corrosion. These acidic components also catalyze the degradation of fuel, resulting in asphaltenes, a cluster of hydrocarbons forming a varnish-like substance that plugs filters and forms injector deposits.

Any microbes that manage to get through the fuel filter can damage injections systems, including HPCR (High Pressure Common Rail) systems. Microbes are

living organisms and they must be killed with use of biocide.

The most effective biocides are dual-phase, or effective in both diesel fuel and water, like Bio Kleen Diesel Fuel Biocide from Power Service.

MINIMIZING THE RISK

Water is present in diesel fuel. But there are some things you can do to minimize the risk.

- Monitor your replacement of fuel filters—if you notice that you are changing them more frequently, it is likely that you have an issue.

- Don't ignore your vehicle's fuel filter warning light if you have one.

- Use an additive formulated to address water problems at least semi-annually, especially before winter arrives.

- Purchase high-quality diesel fuel from a reputable source.

- Make sure your supplier has a year-round fuel tank maintenance program to create and maintain a clean diesel fuel storage system. **DT**

(EDITOR'S NOTE: Jessica Crabtree Kattner is the director of technical services at Power Service Products Inc.)