

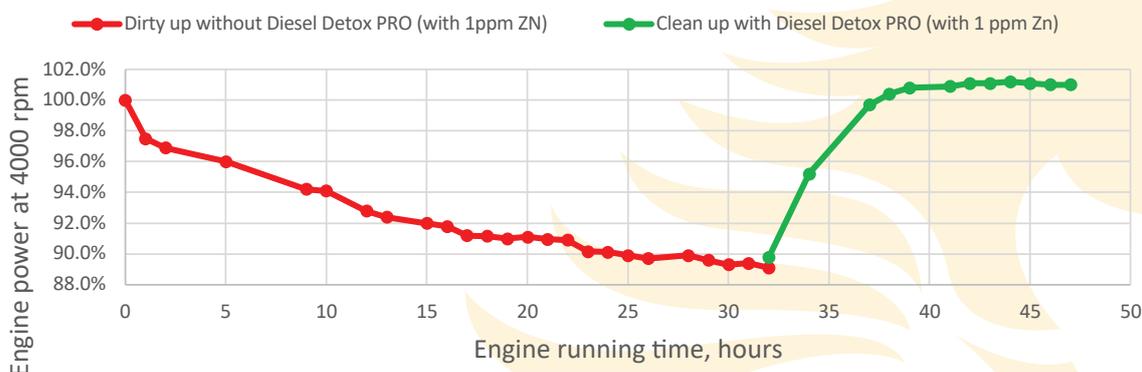


# DIESEL DETOX PREMIUM

SN90106-KS-34901

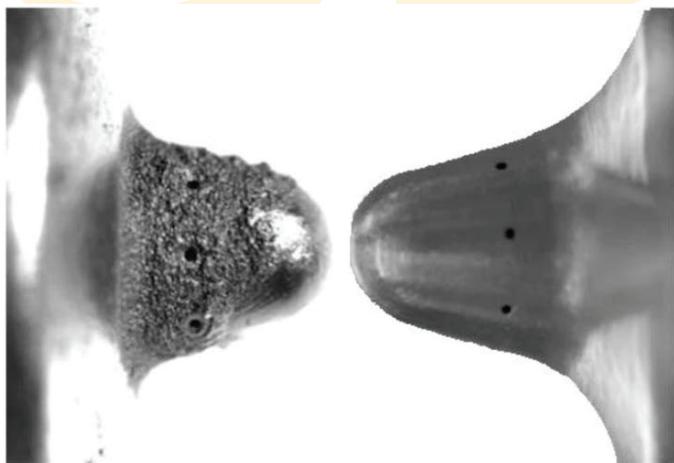
**DIESEL DETOX PREMIUM** is the ultimate diesel system cleaner and rejuvenator addressing all common deposit related problems in modern diesel engines. Diesel Detox PRO is a true multipurpose product that cleans deposits from the complete fuel system including injectors (external and internal), valves and combustion chamber, boosts cetane number up to 5 points and lubricates the diesel fuel pump in case of low sulphur fuel. This results in rapid restoration of engine performance and fuel economy.

## DIESEL DETOX PRO - POWER RESTORATION



In addition to cleaning the entire fuel system, Diesel Detox Premium contains organo-metallic additives that clean up your diesel particulate filter (DPF / FAP) and keep it clean. These additives significantly lower the ignition temperature of soot collected in the Diesel Particle Filter and optimize the periodic combustion of accumulated soot, a process known as filter regeneration.

The unique combination of a clean fuel system, clean combustion with lower emissions and soot particles that combust much faster will assist in keeping the catalytic converter, exhaust gas recirculation system (EGR) as well as the turbo compressor and its variable geometry vanes clean from deposits.



*Diesel injector before and after clean up*



*Diesel Particulate Filter before and after clean up*



## BENEFITS

- All-in-one premium diesel additive that cleans injectors, valves, combustion chamber, turbo and DPF.
- Assists in keeping your catalytic converter and EGR clean.
- Restores lost performance caused by a dirty and inefficient fuel system.
- Prevents performance loss caused by clogged diesel particulate filters and incomplete combustion of soot.
- Reduces fuel consumption related to a dirty fuel system or badly functioning DPF.
- Boosts cetane number up to 5 points resulting in cleaner and complete combustion.
- Extends lifetime of the expensive diesel particulate filter.
- Strongly reduces emission of hazardous exhaust gases with no secondary emissions.
- Lubricates the fuel pump and provides excellent corrosion protection.
- Can be used for all diesel engines with standard or retrofitted diesel particulate filters.

## USAGE

For all diesel engines (including common rail) with or without turbochargers running on low or normal sulphur level diesel fuels.

## DIRECTION

Pour the contents of one bottle in the fuel tank before filling it with diesel fuel. Drive for at least 20-30 minutes preferably with elevated RPM (>3.000). Try to repeat similar cycles a few times while driving on the treated diesel to achieve the maximum result. One bottle treats 40 to 60 litres of diesel fuel. Do not overdose!

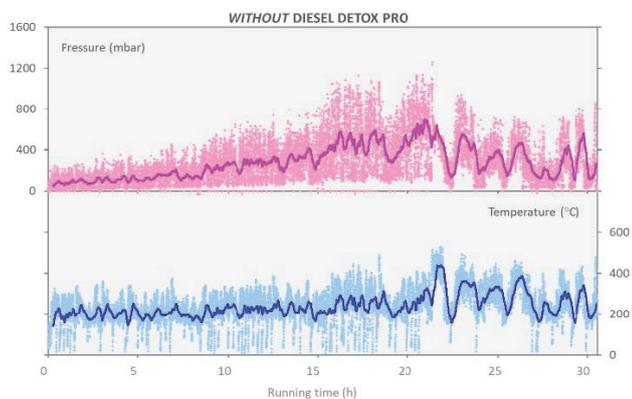


Figure 1

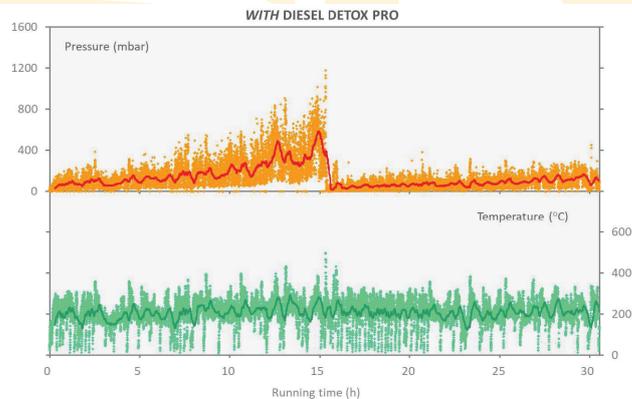


Figure 2

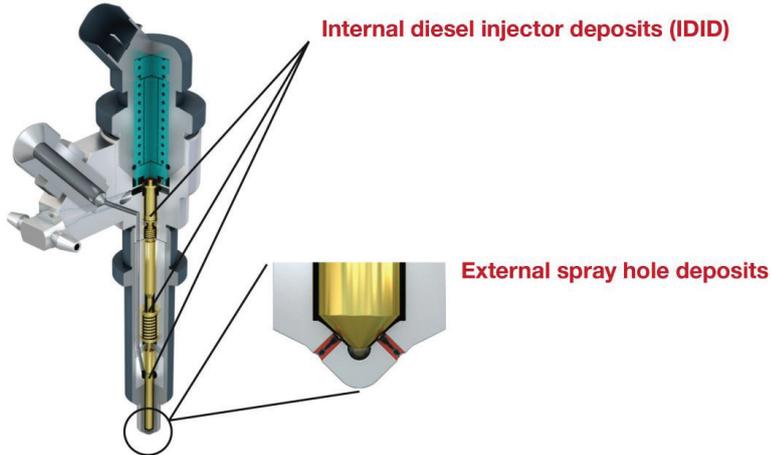
**Figure 1** shows the quick changes and high peaks in pressure and temperature caused by frequent regeneration cycles, which in turn is caused by a quick build-up of soot in the DPF / FAP.

**Figure 2** shows that, after adding Diesel Detox Premium, the quick changes and high peaks in pressure and temperature disappear, build of soot is significantly slower and regeneration cycles considerably less frequent. This is because the treated soot is combusted at lower, regular operating temperatures already.

## Internal Diesel Injector Deposits (IDID)

Deposit formation on injector valve, piston and needle result in:

- Difficulties to start the engine or no engine start
- Engine vibration and trembling
- Increased engine noise



### External Diesel Injector Deposits (spray hole)

Nozzles of modern diesel engines have extremely small spray hole diameters. Inside and around the spray holes, deposits may form and reduce the amount of injected fuel or disturb the spray pattern. This causes power loss of the engine and higher fuel consumption. In addition it results in incomplete combustion causing higher emissions and even more deposit formation.

Diesel Detox Premium is a very effective cleaner for both internal and external diesel injector deposits.

### TECHNICAL SPECIFICATION

Test	Unit	Average value
Density	g/cm <sup>3</sup>	0,806
Flash point	°C	> 61°C
Colour		Transparent
Odour		Characteristic