

Diesel Treatment

(cleaner combustion=saving)

It is generally accepted that the energy generated by spontaneous ignition does not have that efficiency as that of controlled combustion. Control over this combustion process is significantly improved by the addition of Bardahl's "polar organic" constituents. A more complete combustion of the fuels is also obtained for catalytic action. This means less fuel consumption, less pollution of the combustion chamber and higher power.

A second reason to use **Bardahl Diesel Treatment** is to prevent and remove the formation of fuel varnish. The air/fuel ratio is adversely affected if the nozzles become clogged, partially or even completely, by varnish. **Bardahl Diesel Treatment** will clean these openings while running the engine. This saves a lot of time and valuable tools to clean and keep the atomizers and fuel pump clean.

Another advantage of this product is that it acts as a "fuel dryer", which absorbs the moisture (in small quantities in the fuel) and lets it burn. If this moisture is not removed, it causes accelerated varnish development.

In petrol, the octane number is the factor indicating the combustion value in an engine; in diesels, this barometer is called the cetane number. As diesel ages, the cetane number will decrease in level. This gives the chance of pingel symptoms. Detonation is harmful to any diesel engine and suffers engine damage.

Bardahl Diesel Treatment Features

Cleaner combustion

- less smoke
- less fuel consumption

Higher power

- "Nadieselen" is common in diesels this is wasteful and harmful to performance.
- A better, more complete combustion of the injected fuel gives a better efficiency and thus leads to more energy/ power.

Removing moisture from the fuel. Everyone knows the effect of too much moisture in the fuel. This can cause rust and bacteria formation, 2 processes that are destructive for a diesel injection system. Dispersing action forms the process of "drying" the fuel.

Keeping nozzles and injectors clean

- Most nozzles have three to five injection openings. If one or more of these small openings become clogged with varnish, the amount of fuel injected is reduced from 20 to 30%, leading to loss of power. The cleaning effect of this product prevents this.
- The injectors are similarly affected by the action of fuel varnish. This will also be fixed.

Further benefits

- Lubrication of fuel pump plungers and atomizer needles.
- Lubrication of the valves and upper piston rings.
- Protection against freezing the fuel. Bardahl also has a product to prevent flake formation in the diesel fuel in winter; This product is called Bardahl Diesel Antifreeze.
- Prevents erosion and corrosion of the engine parts.



Conclusion

A carefully composed fuel addition, which is the fuel economy. The benefits can easily be determined by the reduced pollution and the increased performance. Stopping hot carbon from igniting the fuel is an audible advantage.

Manual

Add 1 can of **Bardahl Diesel Treatment** to a tank of diesel fuel.

Usable in any Diesel fuel

Bardahl Diesel Treatment may be used in any type of diesel fuel. The does not contain heavy metals. It will not change the fuel used from composition or the ignition moment of the fuel. The product is fully incorporated into the diesel fuel to which it has been added and will be not be separated for years. Diesel Treatment may be used in any type of diesel engine, with or without turbo and DPF.

Part number 13102
Capacity 300 ml