

Cetane Booster

Increase in cetane number

Bardahl has developed Cetane Booster to improve the cetane number of the diesel fuel. The cetane number has a major influence on the ignition quality of the fuel.

The higher the cetane number, the faster the diesel will ignite. The cetane number is a measure of combustion quality. The higher the cetane number, the more flammable the diesel is. However, moisture is a potential problem with many diesel engines. Moisture entering the diesel causes a decrease in the cetane number.

Bardahl's cetane booster increases the cetane number to 5 points. The diesel will burn faster and more completely, resulting in:

- Combustion and ignition improves and engine efficiency increases.
- Moisture is addressed.
- Enhances engine power and acceleration.
- Accelerator pedal gives better response.
- Engine knocking is prevented.

Fuel cleaning

The performance of an engine is largely dependent on the combustion process in the cylinders. It is essential that the injectors do their job properly. A possible problem is carbon deposition, especially at partial load there is a risk of this.

Cetane booster from Bardahl therefore contains additives that continuously clean the injectors and the fuel system and prevent carbon deposits.

In this way, the diesel that is injected each time can atomize in the cylinders at the right time. In this way the engine continues to run better, the exhaust gases are reduced and the engine power increases.

Effect with red gas oil

Many agricultural and earth-moving machines use red gas oil. In addition to the financial advantage that red gas oil offers, there are also disadvantages. An important shortcoming that red gas oil has compared to 'normal' diesel is the limited package of additives. The cetane number of red gas oil is often lower than that of the 'consumer' diesel EN 590. The cetane number of red gas oil must be at least 48, while diesel EN 590 should be at least 51.

However, the innovation of combustion engines continues. Modern engines work with very sophisticated injection systems. System pressures of 1,800 bar and injection times of 600 are no longer an exception. In addition, several injections often follow one after the other. The margins within which it is necessary to work are becoming smaller and smaller, so a guaranteed and constant diesel quality is indispensable.\

Using a cetane booster improves cleaning and lubrication and increases the cetane number. An additional advantage is excellent preventive protection against condensation, contamination and bacterial growth in storage tanks. The use of a cetane booster will therefore extend the life of the engines and other parts.



Normal use

Use Bardahl Cetane Booster with every refueling. Pour the can into the fuel before refueling. Suitable for any type of diesel engine, also with a catalytic converter and particulate filter.

For racing applications

In racing, more and more use is made of diesel engines. Like the Octane Booster in petrol engines, the Cetane Booster in diesel engines increases the cetane number and improves ignition for extra power and better acceleration.

Article number	12305
Content	500 ml