



Top Diesel

Product Sheet

Top Diesel is a powerful multi-purpose additive specially formulated to notably improve the quality of diesel oil and solve the problems of bad performance of the motor caused by the accumulation of dirt on the injectors and by the deterioration of efficiency of the feeding system.

The formulation contains a complete package of special dispersing / deterging, anti-corrosion, stabilizing substances that also improve combustion and lubricity and are able to boost many of the critical characteristics of fuels, both if they are of the last generation (at an ultra-low sulphur content and with biodiesel) and also if they are of a lower quality.

Deterging / Dispersing Action

This product offers a good dispersing and deterging action that permits to avoid the formation of high temperature deposits on injectors and also permits a perfect atomizing of diesel oil, to the benefit of an improved combustion.

- Improved performance of the motor
- Lower fuel consumption
- Fewer polluting emissions

Depending on the method of employment and dosage, it is possible to obtain a cleaning-up effect on dirty injectors and an action of clean keeping on clean injectors.

Clean Up Action, Cleaning of Dirty Injectors

It permits to improve the performance of diesel motors if these do not perform well due to an accumulation of deposits on the injectors.

The treatment of the fuel, repeated for many filling-up in a row, permits to re-establish the original spraying power of injectors and an improvement of power and fuel economy.

Keep Clean Action

A preventive and permanent or periodic treatment of clean injectors permits to prevent a drop of performance of the motor in terms of power, fuel consumption and polluting emissions.

Effective Control of Deposits Inside the Injectors also

It permits to control the formation of deposits not only on the tip of injectors, but also on the movable components inside the injector (needle, spring, pressure rod). A bad working of those components causes driving problems of the vehicle, a pronounced engine noise, a higher consumption of diesel oil and more polluting emissions.



Opposes the Formation of Deposits also in the Presence of B10 diesel oil

The presence of biodiesel in diesel oil increases and speeds up the problem of occlusion of the injectors' holes and the soiling of the movable parts inside the injector. **Top Diesel** showed itself effective also in the presence of diesel oil with high percentages of biodiesel.

Lubricating Action

It permits to maintain the feeding system lubricated and effective over time, also in the presence of diesel oils with low lubricity, such as for example diesel oils with a very low sulphur content.

It lubricates and protects the injection pump, the feeding pump and injectors from wear and seizure, also favoring their cooling.

Anti-rust / Anti-corrosion / Emulsifying Action

It protects the whole injection system from rust and corrosion, opposing the harmful effects caused by the small water quantities present in the system.

Action to improve Combustion

It increases the cetane number in diesel oil, improving the fuel combustion and the energy efficiency of the engine.

- Improved performance of the engine
- Easier cold start and containment of white fumes at the start
- Reduced engine noise
- Fewer polluting emissions (particulates, unburned hydrocarbons, carbon monoxide and nitrogen oxides).

Improves the Stability of Diesel Oil

Restrains the ageing of fuel avoiding the accumulation of oxidation deposits in the tank and on the diesel oil filter.



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A regular use of **Top Diesel** in diesel oil will indirectly lead to a longer efficiency of oil and a longer life of the engine.

- Lower content of aggressive substances in oil originating from a bad combustion of diesel oil and lower deterioration of TBN
- Lower quantity of soot circulating in the lubricant to the benefit of a lower wear of the cylinder (bore polishing)
- Lower dilution from fuel

Top Diesel is suitable to be used on diesel engines of normal and commercial vehicles, both of the latest generation and more traditional ones: aspirated and supercharged diesel engines, both with the indirect injection system and the high pressure direct system (common rail and pump injector).

DIRECTIONS FOR USE

Add the product to the gas oil before filling up the tank or pour directly into the tank of the vehicle before re-fuelling.

Packing of 1 liter, 5 liters, 25 liters and 200 liters:

We recommend a 0,3% use (3 liters of additive per 1000 liters of gas oil).

In case of special requirements, it can be used with a value of 0,2% to 1%.

Single dose pack of 250 ml:

250 ml of additive treat a full tank (approx. 50 liters).

STORAGE

Store in original closed packaging, store indoors, away from moisture, from direct exposure to sunlight and weather. Avoid continuous and excessive temperature changes.