

ROTHEN 05 PLUS – PROTEZIONE TOTALE

Multifunctional Additive For Diesel

DESCRIPTION

ROTHEN 05 PLUS is a multifunctional additive specifically designed for automotive diesel fuels; its use ensures injection apparatus' maximum protection and prevents the formation of micro-organisms.

APPLICATIONS

ROTHEN 05 PLUS can be used with all automotive diesel fuels. It is compatible with all exhaust gases' treatment systems.

METHODS OF EMPLOYMENT

The product should be used to at a 1-3‰ (per thousand) in addition to the fuel, before a refill or by adding it directly into the storage tank.

PERFORMANCE

The use of **ROTHEN 05 PLUS** provides the following features:

- Engine Cleaning

A special detergent additive and dispersant helps prevent the formation of carbon deposits in the combustion chamber and to break down and make the older dirt and crust easier to remove;

- Fuel's behavior at cold temperatures

ROTHEN 05 PLUS improves the behavior of the fuel at low temperatures. In particular, it lowers the cloud point, the pour point and the limit temperature of filterability. It facilitates the cold start of engines during the winter or cold temperatures;

- Cleaning of the fuel system

A regular use of **ROTHEN 05 PLUS**, preventing the separation of the paraffins present in the fuel, avoids the creation of clots and blockage of the alimentation system and, in particular, of the injectors;

- Antioxidant Power

Added to the diesel in the storage tank, it inhibits the oxidative processes and the formation of gum deposits;

- Biocide Power

ROTHEN 05 PLUS ensures an inhibitory action against the corrosive processes and the bacterial growth in the diesel during its long periods of permanence inside of storage tanks, vehicles' tanks and during seasonal breaks.

Laboratory tests have shown that Rothen 05 PLUS – PROTEZIONE TOTALE, added at 2 ‰ in automotive diesel fuel, typically lowers the pour point -12 ° C to -20 ° C.



TYPICAL PHYSICAL-CHEMICAL CHARACTERISTICS: (*)

FEATURE	UNIT OF MEASURE	METHOD	OUTCOME
Kinematic viscosity at 25°C a t40°C	mm ² /s	ASTM D 445	6.9 3.9
Density at 15°C	Kg/l	ASTM D 1298	0.915
Inflammability Point	°C	ASTM D 93	110
Carbonium leftover	%	ASTM D 189	0.001

(*): The values are based on typical production, and may consequently vary.

BENEFICIAL FEATURES

ROTHEN 05 PLUS regular use guarantees:

- Contrast of the negative effects caused by low temperatures;
- Fuel consumptions' reduction;
- Containment of emissions;
- Increase of engine's life;
- Prevention of the biological degradation and the formation of clots;

