



TECHNICAL DATASHEET

INJECTOR XTREM CLEANER DIESEL_AFA

Multifunctional Aftermarket Diesel Additive

Use & application

INJECTOR XTREM CLEANER DIESEL is a high performance 'ready for use' multipurpose additive for diesel fuel treatment. It is adapted for use with all types of engines (incl. common-rail direct injection) and diesel fuel characteristics.

INJECTOR XTREM CLEANER DIESEL is designed for aftermarket use and is an excellent choice for improvement of engine cleanliness and efficient protection regarding fuel related problems.

Treatment rate

One bottle (250mL) treats 50L of diesel. For maximum effectiveness use one full bottle (250mL) at each tank filling.

Properties & Benefits

INJECTOR XTREM CLEANER DIESEL is designed for improved engine cleanliness, better combustion and reduced friction losses in the engine and fuel injection system. Each of these properties contributes to better engine performance, including fuel economy benefits.

INJECTOR XTREM CLEANER DIESEL offers the following benefits, proven in the laboratory and confirmed by numerous engine (indirect injection and common-rail direct injection) and road tests:

- **Detergent action** – Elimination of deposits present in the injection system parts
 - Maintaining performance and drivability (power, liveliness)
 - Reducing over-consumption and exhaust emissions
- **Dispersing action** – Ensures better fuel atomization in the combustion chamber
 - Better combustion and less pollutants emissions
- **Cetane increase action** – Raises diesel cetane number (~+2pt)
 - Easy ignition and smoother combustion
 - Less mechanical and thermal constraints (long life).
- **Friction modifier action** – Improves HFRR wear value of the fuel
 - Reduces friction losses in fuel injection pump and injectors
- **Anti-corrosion action** – Protects the fuel system from corrosion.
 - Extending the lifetime of equipment in contact with the fuel, particular injection system parts.



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Product characteristics

CHARACTERISTICS	STANDARD	UNIT TYPICAL	TEST METHOD
Appearance		Yellow liquid	Visual
Density at 15°C	kg/m ³	820 – 850	ASTM D – 1298
Flash point	°C	> 62	ASTM D – 93
Pour point	°C	< -30	ASTM D – 97
Kinematic viscosity at 20°C	mm ² /s	< 4	ASTM D – 445

Storage, handling And blending

INJECTOR XTREM CLEANER DIESEL may be stored and handled at temperatures varying from – 25°C to +50°C. Stainless steel, PET or Teflon® coating can be used as preferred materials to make storage capacities and injection systems. The use of rubber (either natural or synthetic) and of polystyrene is to be avoided. Proper compatibility of the mixture with final bottles material must be checked. Technical measures must be taken to prevent static electricity build-up.

INJECTOR XTREM CLEANER DIESEL quality is maintained during storage up to 18 months if it is subject to normal handling and storage procedures.

Precautions for use

INJECTOR XTREM CLEANER DIESEL presents some of the usual hazards associated to any additive or petroleum product (risk phrase H-304, H-317, H-412) and it is strongly recommended to avoid any contact with eyes and skin and not to inhale the vapours. Safety apparel (gloves, goggles) must be used when handling the product. For further details about handling conditions and the product's toxicology, please consult the relevant material safety data sheet.

INJECTOR XTREM CLEANER DIESEL (contains 2-Ethylhexyl nitrate; EUH044) breaks down at temperatures above 100°C and there is a risk of explosion when heated in a confined space. **INJECTOR XTREM CLEANER DIESEL** should not therefore be exposed to heat and must be used in a vented area. For further details about the product handling, please consult the Document 86 of ATC (best practices manual). Components of this product have been registered according to REACH requirements (REACH Regulation EC 1907/2006).

Packaging

INJECTOR XTREM CLEANER DIESEL is exclusively produced in France (EU27) and is available in 250ml bottles.