



INJECTION 10W30

ELITE

Description

Lubricant oil combining synthetic constituents with high-level minerals and fortified with special additives to offer a product designed specifically for use in modern petrol and diesel engines.

Properties

- Its low viscosity in cold conditions facilitates both starting and lubrication at any temperature.
- Viscosimetric characteristics that reduce friction, plus low volatility, allowing for reduced fuel consumption.
- Thermal stability.
- Its start fluidity contributes to the correct functioning of hydraulic valve tappet systems.
- Low pour point.
- Prevents the formation of lacquers and varnishes due to its dispersant additives.

Quality levels

- API SL/CF

Technical characteristics

	UNIT	METHOD	VALUE
SAE grade			10W30
Density at 15°C	g/mL	ASTM D 4052	0.8745
Viscosity at 100°C	cSt	ASTM D 445	10.5
Viscosity at 40°C	cSt	ASTM D 445	68
Viscosity at -25°C	cP	ASTM D 5293	7000 max
Viscosity index	-	ASTM D 2270	130 min
Flash point, open cup	°C	ASTM D 92	205 min
Pour point	°C	ASTM D 97	-30
TBN	mg KOH/g	ASTM D 2896	8.6
Shear Stability Bosch Injector: Viscosity after shear test, 100°C	cSt	CEC-L014-93	9.3 min

■ Hazard identification

This product is not classified as toxic or dangerous under current legislation.

■ Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

■ Health and Safety Hazards

Inhalation: Low volatility product, therefore the risk from inhalation is minimal.

Ingestion: Do not provoke vomiting. Drink water. Seek medical assistance.

Contact with skin: Wash with abundant water and soap.

Eyes: Wash with abundant water.

General measures: Seek medical assistance.

■ Fire-fighting measures

No special measures are required.

Fire control: Foams, dry chemicals, CO₂, water spray. Do not apply water jet directly as this may cause the product to spread.

■ Environmental precautions

Danger of physical contamination in case of spillage (watercourses, coastal areas, the ground, etc.) due to its floating capacity and oily consistency, which may cause damage to fauna and flora with which it comes into contact. Avoid its penetration into water containers or outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and eliminate using both physical and chemical means.

A safety data file is available on request.

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Unless otherwise specified, the values cited in the technical specifications should be considered typical.