



DIESEL TURBO VHPD 5W30

DIESEL

Description

Synthetic lubricating oil for heavy vehicles with very high performance. It meets the requirements of most manufacturers for being considered Long Life. Furthermore, it is characterised by its viscosity and ability to work at any temperature, save fuel and contribute to reducing CO₂ emissions to the atmosphere. It is compatible with EGR systems (Exhaust Gas Recirculation) and SCR catalytic converters, and can be used by biodiesel engines. This is a modern lubricant that is recommended for engines that comply with the Euro 5 regulations on pollutant emissions.

Properties

- Long-life lubricating oil that makes it possible to reduce maintenance costs and the generation of waste.
- It can be used when using biodiesel as fuel, in accordance with the manufacturer-recommended change periods.
- Results revealed a fuel saving of approximately 200 litres per year compared with other 5W30 oils on the market, and up to 400 litres per year in comparison with 10W40 oils(*).
- Suitable for vehicles undertaking international long-hauls by road; it also has a long change period, as its high alkaline reserve allows it to be used with fuels of varying quality.

(*) Data obtained with an average estimate of a truck that travels 150,000 km/year.

Quality level

- ACEA E7/E4
- VOLVO VDS-3
- DEUTZ DQC III-10
- MAN 3277
- MTU Type 3
- MACK EO-N
- MB 228.5
- Renault VI RXD, RLD-2
- DAF Extended Drain

Technical characteristics

	UNIT	METHOD	VALUE
SAE Grade			5W30
Density at 15°C	g/cm ³	ASTM D 4052	0.858
Viscosity at 100°C	cSt	ASTM D 445	12.25
Viscosity at 40°C	cSt	ASTM D 445	75
Viscosity at -30°C	cP	ASTM D 5293	6600 max
Viscosity index	-	ASTM D 2270	163
Flash point, open cup	°C	ASTM D 92	225 min.
Pour point	°C	ASTM D 97	-39 max
T. B. N.	mg KOH/g	ASTM D 2896	15.5
Bosch Injector Shearing: Viscosity at 100°C after shear	cSt	CEC-L-14-93	9.3 min.
Sulphated ashes	% in weight	ASTM D 874	1.8

■ Hazard identification

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

■ Handling

Avoid prolonged contact and prolonged inhalation of product vapours or spray. The use of gloves, visors or glasses is recommended to avoid splashes.

■ Health and safety hazards

Inhalation: In case of inhaling, move outdoors. Seek medical advice.

Ingestion: Do not induce vomiting. Drink water. Seek medical advice.

Contact with Skin/Eyes: Wash with plenty of soap and water. Seek medical advice.

General measures: Seek medical advice.

■ Fire-fighting measures

No special measures required.

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

■ Environmental precautions

Danger of physical pollution if spilt (watercourses, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Prevent material getting into water outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

A safety data file is available on request.

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Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.