

DIESEL TURBO THPD MID SAPS 10W-30



AUTOMOTIVE

Lubricants

Description

Lubricant oil with MID SAPS synthetic technology designed to meet the most demanding requirements of state-of-the-art diesel engines (EURO 6). Its reduced ash content ensures suitable operation in engines with exhaust gas post-treatment systems, such as particle filters. Especially recommended for engines requiring a quality level of API CK-4, ACEA E9 and using fuel with low sulfur content.

Furthermore, due to its viscosity and additivation, it contributes to fuel saving and helps to protect the environment.

Properties

- Long lasting lubricant oil suitable for exhaust gas post-treatment systems, which enables the reduction of maintenance costs and waste generation.
- It can be used in combination with GNC, GLP and biodiesel fuel, in accordance with the recommended drain intervals periods established by the manufacturers.
- Its Mid Saps (mid ash) technology ensures performance and durability of modern engines equipped with particle filters by preventing their premature obstruction.
- Due to its level of quality and performance, this lubricant is suitable for the most modern Euro 6 engines and earlier models.
- Its formula has been shown to decrease fuel consumption, contributing to protect the environment.

Quality Levels

- | | | |
|--------------------------------|--------------------------------|-----------------------|
| • API CK-4/CJ-4/CI-4/CI-4 Plus | • MTU Type 2.1 | • RENAULT RLD-4 |
| • ACEA E9/E7 | • CUMMINS CES 20086 | • DEUTZ DQC-III-10 LA |
| • VOLVO VDS-4.5 | • MB-Approval 228.31 | • JASO M 355 DH-2 |
| • MACK EO.S-4.5 | • DETROIT DIESEL DFS
93K222 | • CAT ECF-3 |

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 3. April 2018.

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Technical Specifications

	ITEM	METHOD	VALUE
SAE GRADE			10W-30
Density at 15 °C	g/mL	ASTM D 4052	0.8686
Viscosity at 100 °C	cSt	ASTM D 445	12
Viscosity at 40 °C	cSt	ASTM D 445	82
Viscosity at -25 °C	cP	ASTM D 5293	7000 max.
Viscosity index	-	ASTM D 2270	141
Flash point, open cup	°C	ASTM D 92	232
Pour point	°C	ASTM D 97	-45
T.B.N.	mg KOH/g	ASTM D 2896	8.9
Bosch Injector Shearing: Viscosity at 100 °C after shearing	cSt	CEC L-14-A-93	9.3 min.
Sulfated ash	% weight	ASTM D 874	0.9

The above mentioned characteristics are typical values and should not be considered product specifications.

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