

DIESEL TURBO UHPD MID SAPS 10W40



AUTOMOTIVE

Lubricants

Description

A top quality UHPD (*Ultra High Performance Diesel*) synthetic technology lubricating oil. Its name highlights its reduced ash content (Mid SAPS), preventing the obstruction of systems that include particle filters, in addition to protecting the post-treatment catalytic systems and minimizing polluting emissions. Its excellent composition gives it long-lasting lubricant status, with extraordinarily long periods between oil-changes. It is compatible with all types of fuels (diesel, LPG, CNG and biodiesel), and due to its characteristics, it is the ideal oil for mixed fleets. Valid for Euro 5 engines and older.

Properties

- It can be used when using biodiesel as fuel, in accordance with the manufacturer's recommended change periods.
- The limited phosphorus and sulphur content, and the low level of sulphated ash, enable it to be used in most vehicles, as it is compatible with SCR catalysts or those that include EGR and particle filters.
- It can be used both in the modern Euro 6 or Euro 5 vehicles that include exhaust fume treatment systems, and in old vehicles that do not require ash-limiting oils.
- Long-lasting oil. The exclusive additive in this product enables it to exceed the minimum requirements in most engine tests.
- Approved by most European, American and Asian vehicle manufacturers, it can also be used as an oil in commercial vehicles equipped with a retarder.

Quality Levels

- ACEA E6/E4/E7
- MTU Type 3.1
- MACK EO-N
- API CI-4
- JASO DH-2
- VOLVO VDS-3/CNG
- CAT ECF-1-a
- MB 228.51/235.27
- SCANIA LOW ASH
- MAN 3477/3271-1
- DAF EXTENDED DRAIN
- VOITH Retarder Oil Class A
- RENAULT VI RXD, RLD/RLD-2, RGD

A safety information file is available on request.

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Technical data sheet for Lubricants. Revision 8. September 2014.

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Technical specifications

	UNIT	METHOD	VALUE
SAE GRADE			10W40
Density at 15 °C	g/cm ³	ASTM D 4052	0.864
Viscosity at 100 °C	cSt	ASTM D 445	13.15
Viscosity at 40 °C	cSt	ASTM D 445	85
Viscosity at -25 °C	cP	ASTM D 5293	7000 max.
Viscosity index	-	ASTM D 2270	152
Flash point, open cup	°C	ASTM D 92	225 min.
Pour point	°C	ASTM D 97	-30 max.
T. B. N.	mg KOH/g	ASTM D 2896	12 min.
Bosch Injector Shearing: Viscosity at 100 °C after shear	cSt	CEC-L-14-93	12.5 min.
Sulphated ashes	% in weight	ASTM D 874	1 max.

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