

Product Information

AVENO Ultra LS HD 10W-40

0002-000501



Description

AVENO Ultra LS HD 10W-40 is a fully synthetic, economic, long-life engine oil for commercial vehicles with a turbo diesel engine. It ensures the highest level of cleanliness in the engine lubricating system and the diesel particulate filter with Low SAPS Technology. It prevents the diesel particulate filter from clogging and ensures extended maintenance intervals and a reduction in fuel consumption. AVENO Ultra LS HD 10W-40 was specifically developed for the newest generation of Euro IV, V and VI diesel engines with exhaust gas treatment and particulate filters. Extended oil change intervals as per manufacturer's instructions.

Instructions for use

AVENO Ultra LS HD 10W-40 meets, and in some cases, surpasses, the requirements of a multitude of global industrial and manufacturer specifications. AVENO Ultra LS HD 10W-40 is suitable in particular for use in mixed vehicle fleets with Euro 2, 3, 4, 5 and 6 engines and therefore offers the optimal solution for reducing the number of products required. The operating instructions of the engine manufacturers must be observed.

Quality classification

Specification

- API CJ-4
- ACEA E4/E6/E7/E9
- JASO DH-2

Approval

- Mack EO-O Premium Plus
- DTFR 15C100 (228.31)
- DTFR 15C110 (228.51)
- Renault VI RLD-3
- VOLVO VDS-4

Recommendation

- Caterpillar ECF-3
- DDC 93K218
- Cummins CES 20081
- Iveco 18-1804 TLS E9
- DAF
- Iveco 18-1809 NG2
- Deutz DQC IV-10 LA
- MTU Typ 3.1
- DTFR 13D110 (235.28)
- Scania Low Ash
- MAN M 3271-1
- Voith Retarder B
- MAN M 3477
- VOLVO CNG
- MAN M 3575

Properties

- A very stable, excellent viscosity behavior, and high shear stability
- Fuel savings in all operating conditions
- Very good detergent and dispersing properties
- Maintains the effectiveness of exhaust treatment systems on a long term basis
- Low evaporation, thus low oil consumption
- Extended oil change intervals protect natural resources
- Excellent cold starting properties
- May be used in many commercial vehicles as well as in vehicles without diesel particulate filters
- Low SAPS = low sulphated ash, phosphorous and sulphur

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	88,0	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	13,6	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	157		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
Viscosity CCS at -25°C	6000	mpa*s	ASTM D 5293:2020
Density at 15°C	861	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-36	°C	ASTM D 7346:2015
Total Base Number (TBN)	13,0	mgkoh/g	ASTM D 2896:2015