

Product Information

AVENO HC SHPD Diesel 10W-40

0002-000098



Description

AVENO HC SHPD Diesel 10W-40 is a high-quality smooth-running engine oil for year-round use in highly stressed aspirated and turbo diesel engines as well as petrol engines. It has an excellent flow behavior, even at low temperatures. It quickly reaches critical lubrication points, thus ensuring a considerable reduction in wear during the warm-up phase. Selected active ingredients ensure maximum engine cleanliness, even in short-haul traffic. AVENO HC SHPD Diesel 10W-40 allows for extended oil change intervals in accordance with manufacturer's instructions, and high wear protection with low oil and fuel consumption.

Instructions for use

AVENO HC SHPD Diesel 10W-40 is ideal for mixed fleets and can be used in engines with the specifications indicated. The operating instructions of the automobile and engine manufacturer must be observed.

Quality classification

Specification

- ACEA A3/B4
- ACEA E3/E5/E7
- API CI-4/SL
- Global DHD-1
- JASO DH-1

Approval

- API CI-4
- Cummins CES 20077/20078
- DTFR 15B110 (228.3)
- Mack EO-N
- Renault VI RLD-2
- VOLVO VDS-3

Recommendation

- Allison C-4
- Caterpillar ECF-2
- Caterpillar TO-2
- Cummins CES 20076
- DAF
- DDC 93K215
- MB 229.1
- Deutz DQC III-10
- DTFR 13D110 (235.28)
- Mack EO-M Plus
- MAN M 3275-1
- MTU Type 2
- Voith Retarder B
- VW 500 00/501 01/505 00

Properties

- High resistance to oxidation and aging
- Good cold starting properties
- Extended oil change intervals protect natural resources
- Very good detergent and dispersing properties
- Protection against reflective surface formation

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	93.8	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	14.2	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	155		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
Viscosity CCS at -25°C	6500	mPa*s	ASTM D 5293:2020
Density at 15°C	863	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-39	°C	ASTM D 7346:2015
Total Base Number (TBN)	11.0	mgKOH/g	ASTM D 2896:2015