



AVENO HC SHPD Diesel 10W-40

AVENO HC SHPD Diesel 10W-40 is a high-quality, smooth-running engine oil for year-round use in heavily loaded naturally aspirated and turbo diesel engines, as well as in petrol engines. It has excellent flow properties, even at very low temperatures. It quickly reaches critical lubrication points, thus ensuring a significant reduction in wear during the warm-up phase. Selected active ingredients ensure maximum engine cleanliness, even in short-distance traffic. AVENO HC SHPD Diesel 10W-40 allows for extended oil change intervals in accordance with the 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. Follow the vehicle and engine manufacturer's operating instructions.

Quality classification

Specification

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

Approvals

- CI-4 API INTERFACE
- Cummins CES 20077/20078
- Mack EO-N
- MB-Approval 228.3
- MB-Approval 229.1
- Renault VI RLD-2
- VOLVO VDS-3

Properties

- High resistance to oxidation and aging.
- Good cold start properties.
- Extended drain intervals conserve natural resources.
- Excellent cleaning and dispersing properties.
- Protection against the formation of reflective surfaces.

Technical Specifications

Properties	Value	Unit	Testing method
Kinematic viscosity at 40°C	93.8	mm ² /s	DIN 51659-02:2017-02
Kinematic viscosity at 100°C	14.2	mm ² /s	DIN 51659-02:2017-02
Viscosity index	155		ISO 2909:2004-08
Appearance	YELLOW-BROWN		VISUAL
CCS viscosity 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