## **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	
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Specification	
• ACEA A3/B4	Global DHD-1
• ACEA E3/E5/E7	• JASO DH-1
• API CI-4/SL	
Approval	
• API CI-4	Renault VI RLD-2
• Cummins CES 20077/20078	VOLVO VDS-3
• DTFR 15B110 (228.3)	
Mack EO-N	
Recommendation	
• Allison C-4	• Deutz DQC III-10
Caterpillar ECF-2	• DTFR 13D110 (235.28)
Caterpillar TO-2	Mack EO-M Plus
Cummins CES 20076	• MAN M 3275-1
• DAF	• MTU Type 2
• DDC 93K215	Voith Retarder B
• MB 229.1	• VW 500 00/501 01/505 00
Properties	
<ul> <li>High resistance to oxidation and aging</li> </ul>	<ul> <li>Very good detergent and dispersing properties</li> </ul>
<ul> <li>Good cold starting properties</li> </ul>	<ul> <li>Protection against reflective surface formation</li> </ul>

- Good cold starting properties
- Extended oil change intervals protect natural resources

Technical specifications Unit Properties Data **Testing under** Kinematic Viscosity at 40°C 93,8 mm²/s DIN 51659-2:2017-02 Kinematic Viscosity at 100°C 14,2 mm²/s DIN 51659-2:2017-02 Viscosity Index 155 DIN ISO 2909:2004-08 YELLOWBROWN Appearance VISUELL 6500 ASTM D 5293:2020 Viscosity CCS at -25°C mpa\*s Density at 15°C 863 kg/m³ DIN EN ISO 12185:1997-11 Pour Point -39 °C ASTM D 7346:2015 Total Base Number (TBN) 11,0 ASTM D 2896:2015 mgkoh/g

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