## **Product Information**

## **AVENO Premium UHPD 5W-30**

0002-000571



## Description

AVENO Premium UHPD 5W-30 is a smooth-running engine oil for all diesel engines with and without turbo charging in lorries, buses and machinery. 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 Premium UHPD 5W-30 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 Premium UHPD 5W-30 is ideal for mixed fleets. It can be used in engines with the specifications indicated. The operating instructions of the automobile and engine manufacturer must be observed.

Quality classification				
Specification				
• API CI-4		• ACEA E4/E7	• ACEA E4/E7	
• JASO DH-1		• Global DHD-1		
Recommendation				
Caterpillar ECF-2		• DTFR 15B120 (228.5)	• DTFR 15B120 (228.5)	
• Cummins CES 20076/20078		• MTU Typ 3	• MTU Тур 3	
• Deutz DQC IV-10		<ul> <li>Renault RXD/RLD-2</li> </ul>	Renault RXD/RLD-2	
• MACK EO-N/EO-M Plus		Scania LDF	• Scania LDF	
• MAN M 3377/M 3277		VOLVO VDS-3	VOLVO VDS-3	
Properties				
Fastest possible lubrication after starting		<ul> <li>Reduction in fuel consul</li> </ul>	Reduction in fuel consumption due to smooth running characteristics	
<ul> <li>Reduction of exhaust gas particles</li> </ul>		<ul> <li>Protection against form</li> </ul>	<ul> <li>Protection against formation of mirror surfaces on cylinder tracks</li> </ul>	
<ul> <li>Protection against corrosion, silting and bonding</li> </ul>		Environmental friendlin	<ul> <li>Environmental friendliness due to longest oil change intervals</li> </ul>	
Technical specifications				
Properties	Data	Unit	Testing under	
Kinematic Viscosity at 40°C	71.1	mm²/s	DIN 51659-2:2017-02	
Kinematic Viscosity at 100°C	12.1	mm²/s	DIN 51659-2:2017-02	
Viscosity Index	168		DIN ISO 2909:2004-08	
Appearance	YELLOWBROWN		VISUELL	
Viscosity CCS at -30°C	6400	mPa*s	ASTM D 5293:2020	
Density at 15°C	854	kg/m³	DIN EN ISO 12185:1997-11	
Pour Point	-45	°C	ASTM D 7346:2015	
Total Base Number (TBN)	12.1	mgKOH/g	ASTM D 2896:2015	

Deutsche Ölwerke Lubmin GmbH | Freesendorfer Weg 4 | 17509 Lubmin | Phone +49 38354 / 179530 | Fax +49 38354 / 179579

Notice: To the best of our knowledge, all of the information provided was in accordance with the latest findings and developments of the Deutsche Ölwerke Lubmin GmbH. Our products are subject to continuous development. For this reason, our products, the manufacturing processes and all related information on this product page are subject to change at any time and without notice, unless customer-specific agreements exist. The data listed are based on standardized test procedures under appropriate laboratory conditions and are to be regarded as general, non-binding reference values.