Product Information AVENO Ultra Low SAPS HD 5W-30

0002-000110



Description

AVENO Ultra Low SAPS HD 5W-30 is a fully synthetic, economic, long-life engine oil for commercial vehicles with a turbo diesel engine. AVENO Ultra Low SAPS HD 5W-30 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 Low SAPS HD 5W-30 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

Density at 15°C

Total Base Number (TBN)

Pour Point

858

-36

12.0

AVENO Ultra Low SAPS HD 5W-30 meets, and in some cases, surpasses, the requirements of a multitude of global industrial and manufacturer specifications. AVENO Ultra Low SAPS HD 5W-30 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	• ACEA E4/E6/E7/E9	
Approval		- , , , -		
 DTFR 15C110 (228.51) DTFR 15C120 (228.52) MAN M 3677 		 Mack EO-O Premium P Renault VI RLD-3 VOLVO VDS-4 		
Recommendation				
 Caterpillar ECF-3 Cummins CES 20081 DAF Extended Drain DDC 93K218 Deutz DQC IV-10 LA DTFR 15C100 (228.31) Iveco 18-1804 TLS E6 MAN M 3271-1 MAN M 3477 		 DTFR 13D110 (235.28) MAN M 3575 MAN M 3691 MTU Typ 3.1, MTU Typ 2.1 Scania LDF-4 Scania Low Ash Voith Retarder B VOLVO CNG 		
Properties				
 A very stable, excellent viscosity behavior High shear stability Low evaporation, thus low oil consumption Excellent cold starting properties Low SAPS = low sulphated ash, phosphorous and sulphur 		 Fuel savings in all operating conditions Very good detergent and dispersing properties Maintains the effectiveness of exhaust treatment systems on a long term basis Extended oil change intervals protect natural resources May be used in many commercial vehicles as well as in vehicles without diesel particulate filters 		
Technical specifications				
Properties	Data	Unit	Testing under	
Kinematic Viscosity at 40°C	71.8	mm²/s	DIN 51659-2:2017-02	
Kinematic Viscosity at 100°C	12.2	mm²/s	DIN 51659-2:2017-02	
Viscosity Index	168		DIN ISO 2909:2004-08	
Appearance	YELLOWBROWN		VISUELL	
Viscosity CCS at -30°C	5430	mPa*s	ASTM D 5293:2020	

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

kg/m³

mgKOH/g

°C

DIN EN ISO 12185:1997-11

ASTM D 7346:2015

ASTM D 2896:2015

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.