Product Information AVENO Low SAPS HD Excellence 10W-30

0002-000350



Description

AVENO Low SAPS HD Excellence 10W-30 is a fully synthetic, economic, long-life engine oil for commercial vehicles with a turbo diesel engine. It is characterized by an increased oxidation stability and shear stability as well as an improved air separation capacity to meet and exceed the most up-to-date requirements according to API CK-4. AVENO Low SAPS HD Excellence 10W-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

AVENO Low SAPS HD Excellence 10W-30 meets, and in some cases, surpasses, the requirements of a multitude of global industrial and manufacturer specifications. AVENO Low SAPS HD Excellence 10W-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 CK-4/SN		• ACEA E6/E7/E8/E9/E11	
Approval			
• API CK-4		• Renault VI RLD-3	
• DTFR 15C110 (228.51)		VOLVO VDS-4.5	
Mack EOS-4.5			
Recommendation			
• Caterpillar ECF-3		• MAN M 3271-1/M 3775	
• Cummins CES 20081/20086		• MAN M 3677/M 3477	
• DAF PSQL 2.1E LD		• MTU Typ 3.1	
• DDC 93K218, DDC 93K222		Scania Low Ash	
• Deutz DQC IV-10 LA			
Properties			
• A very stable, excellent viscosity behavior, and high shear stability		• Fuel savings in all operating conditions	
 Very good detergent and dispersing properties 		 Maintains the effectiveness of exhaust treatment systems on a long term basis 	
 Low evaporation, thus low oil consumption 		 Extended oil change intervals protect natural resources 	
 Excellent cold starting properties 		• May be used in many commercial vehicles as well as in vehicles without diesel • particulate filters	
 Low SAPS = low sulphated ash, phosphorous and sulphur 			
Technical specifications			
Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	75,6	mm²/s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	12,1	mm²/s	DIN 51659-2:2017-02
Viscosity Index	157		DIN ISO 2909:2004-08
Appearance	BROWN		VISUELL
Viscosity CCS at -25°C	4310	mpa*s	ASTM D 5293:2020
Density at 15°C	857	kg/m³	DIN EN ISO 12185:1997-11
Pour Point	-36	°C	ASTM D 7346:2015
Total Base Number (TBN)	10,4	mgkoh/g	ASTM D 2896:2015

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