## **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.

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		<ul> <li>Fuel savings in all operating conditions</li> </ul>	
<ul> <li>Very good detergent and dispersing properties</li> </ul>		Maintains the effectiveness of exhaust treatment systems on a long term basis	
, good deter bent and disper	sing properties		of exhaust freatment systems on a long term basis
		• Extended oil change interva	als protect natural resources
• Low evaporation, thus low oil c	onsumption	<ul> <li>Extended oil change interva May be used in many comn</li> </ul>	, ,
<ul> <li>Low evaporation, thus low oil c</li> <li>Excellent cold starting properties</li> </ul>	onsumption es	• Extended oil change interva	als protect natural resources
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<ul> <li>Low evaporation, thus low oil c</li> <li>Excellent cold starting propertie</li> <li>Low SAPS = low sulphated ash,</li> </ul>	onsumption es	<ul> <li>Extended oil change interva May be used in many comn</li> </ul>	als protect natural resources
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<ul> <li>Low evaporation, thus low oil c</li> <li>Excellent cold starting propertie</li> <li>Low SAPS = low sulphated ash,</li> <li>Technical specifications</li> <li>Properties</li> <li>Kinematic Viscosity at 40°C</li> </ul>	phosphorous and sulphur Data	Extended oil change interva May be used in many comn particulate filters     Unit	als protect natural resources nercial vehicles as well as in vehicles without diesel Testing under
<ul> <li>Low evaporation, thus low oil c</li> <li>Excellent cold starting propertie</li> <li>Low SAPS = low sulphated ash,</li> <li>Technical specifications</li> <li>Properties</li> <li>Kinematic Viscosity at 40°C</li> <li>Kinematic Viscosity at 100°C</li> </ul>	phosphorous and sulphur Data 81.3	Extended oil change interva May be used in many comm particulate filters     Unit mm <sup>2</sup> /s	als protect natural resources nercial vehicles as well as in vehicles without diesel           Testing under           DIN 51659-2:2017-02
<ul> <li>Low evaporation, thus low oil c</li> <li>Excellent cold starting propertie</li> <li>Low SAPS = low sulphated ash,</li> <li>Technical specifications</li> <li>Properties</li> <li>Kinematic Viscosity at 40°C</li> <li>Kinematic Viscosity at 100°C</li> <li>Viscosity Index</li> </ul>	phosphorous and sulphur          Data         81.3         12.2	Extended oil change interva May be used in many comm particulate filters     Unit mm <sup>2</sup> /s	Als protect natural resources mercial vehicles as well as in vehicles without diesel Testing under DIN 51659-2:2017-02 DIN 51659-2:2017-02
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<ul> <li>Low evaporation, thus low oil c</li> <li>Excellent cold starting propertie</li> <li>Low SAPS = low sulphated ash,</li> <li>Technical specifications</li> <li>Properties</li> </ul>	Data BI.3 12.2 145 BROWN	Extended oil change interva May be used in many comm particulate filters     Unit     mm <sup>2</sup> /s     mm <sup>2</sup> /s	als protect natural resources         nercial vehicles as well as in vehicles without diesel         Testing under         DIN 51659-2:2017-02         DIN 51659-2:2017-02         DIN ISO 2909:2004-08         VISUELL
<ul> <li>Low evaporation, thus low oil c</li> <li>Excellent cold starting propertie</li> <li>Low SAPS = low sulphated ash,</li> <li>Technical specifications</li> <li>Properties</li> <li>Kinematic Viscosity at 40°C</li> <li>Kinematic Viscosity at 100°C</li> <li>Viscosity Index</li> <li>Appearance</li> <li>Viscosity CCS at -25°C</li> </ul>	Data Data 81.3 12.2 145 BROWN 6340	Extended oil change interva May be used in many comm particulate filters     Unit     mm <sup>2</sup> /s     mm <sup>2</sup> /s     mPa*s	als protect natural resources         nercial vehicles as well as in vehicles without diesel         Testing under         DIN 51659-2:2017-02         DIN 51659-2:2017-02         DIN ISO 2909:2004-08         VISUELL         ASTM D 5293:2020

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