

# Product Information

## AVENO HD Diesel Supreme 10W-30

0002-000502



### Description

AVENO HD Diesel Supreme 10W-30 is a synthetic fuel economy long life engine oil for the latest generation of turbo diesel commercial vehicle engines. AVENO HD Diesel Supreme 10W-30 features enhanced oxidation and shear stability as well as improved air separation to meet and exceed the latest API FA-4 requirements.

### Instructions for use

AVENO HD Diesel Supreme 10W-30 is designed for the latest generation of commercial vehicle diesel engines requiring API FA-4 engine oil. In accordance with the API recommendation, it is not recommended to use the AVENO HD Diesel Supreme 10W-30 off-road. Operating instructions of the engine manufacturer are to be observed.

### Quality classification

#### Specification

- API SN/FA-4
- ACEA F01

#### Recommendation

- Cummins CES 20087
- DDC 93K223
- DTFR 15C130 (228.61)

### Properties

- Fuel saving under all operating conditions
- Thereby achieving a higher efficiency
- Low evaporation tendency, thus low oil consumption
- Very good cold-start properties
- Low SAPS = Low sulphated ash, phosphorus and sulfur
- Very stable and excellent viscosity behavior and high shear stability
- Maintains the effectiveness of the emission control systems over a very long term
- Power losses due to occupied diesel particulate filters are prevented
- Extended oil change intervals protect natural resources
- Can also be used in vehicles without diesel particulate filter in many commercial vehicles

### Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	60.9	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	9.9	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Viscosity Index	148		DIN ISO 2909:2004-08
Appearance	BROWN		VISUELL
Viscosity CCS at -25°C	3960	mPa*s	ASTM D 5293:2020
Density at 15°C	859	kg/m <sup>3</sup>	DIN EN ISO 12185:1997-11
Pour Point	-45	°C	ASTM D 7346:2015
Total Base Number (TBN)	9.3	mgKOH/g	ASTM D 2896:2015