

# Product Information

## AVENO HSS SHPD 15W-40

0002-000109



### Description

AVENO HSS SHPD 15W-40 is a high-quality SHPD multi-grade engine oil for diesel car and lorry engines of all makes, with or without turbocharging. It is suitable for year-round use in all engines. Minimization of friction, wear and fuel consumption, excellent cold starting properties. AVENO HSS SHPD 15W-40 facilitates extended oil change intervals as per manufacturer's instructions.

### Instructions for use

AVENO HSS SHPD 15W-40 can be used in a mixed fleet in engines with the specifications indicated. It is suitable for modern diesel vehicles that meet the Euro V emission standard. The operating instructions of the automobile and engine manufacturer must be observed.

### Quality classification

#### Specification

- API CI-4/SL
- ACEA E7

#### Recommendation

- Deutz DQC-III-10
- DTFR 15B110 (228.3)
- MACK EO-N
- MAN M3275-1
- MTU Typ 2
- Renault RLD-2
- Volvo VDS-3

### Properties

- A very stable and excellent viscosity behavior
- An excellent resistance to aging
- Ideal for difficult operating conditions
- High oxidation stability, high pressure absorption capacity
- High safety margin even in boundary lubrication
- Extended oil change intervals protect natural resources

### Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	109,1	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	15,9	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Viscosity Index	155		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
Viscosity CCS at -20°C	4060	mpas	ASTM D 5293:2020
Density at 15°C	870	kg/m <sup>3</sup>	DIN EN ISO 12185:1997-11
Pour Point	-42	°C	ASTM D 7346:2015
Total Base Number (TBN)	15,6	mgkoh/g	ASTM D 2896:2015