

# Product Information

## AVENO SHPD 15W-50

0002-000772



### Description

AVENO SHPD 15W-50 is a multigrade engine oil based on selected base oils and additives. It can be used in gasoline and diesel engines, including the turbo versions. AVENO SHPD 15W-50 meets the requirements of SAE class 15W-50. It also ensures a good lubricating film even at high temperatures.

### Instructions for use

AVENO SHPD 15W-50 is particularly suitable for engines with already high mileage. The operating regulations of the vehicle and engine manufacturers must be observed.

### Quality classification

#### Specification

- ACEA A3/B4
- ACEA E3/E5/E7
- API CI-4/SL
- Global DHD-1
- JASO DH-1

#### Recommendation

- Allison C-4
- Caterpillar ECF-1a/ECF-2
- Caterpillar TO-2
- DDC 93K215
- MAN M 3275-1
- MB 229.1, DTFR 15B110 (228.3)

### Properties

- High resistance to oxidation
- Best suited for difficult operating conditions
- Very good cold start properties
- Good shear stability
- Very stable and excellent viscosity-temperature behavior
- High safety reserves even under boundary lubrication conditions
- Reduction of black sludge formation
- Catalyst suitability

### Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	152.1	mm²/s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	19.7	mm²/s	DIN 51659-2:2017-02
Viscosity Index	149		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
Density at 15°C	870	kg/m³	DIN EN ISO 12185:1997-11
Pour Point	-36	°C	ASTM D 7346:2015