

Product Information

AVENO SHPD Diesel 15W-40

0002-000082



Description

AVENO SHPD Diesel 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 SHPD Diesel 15W-40 facilitates extended oil change intervals as per manufacturer's instructions.

Instructions for use

AVENO SHPD Diesel 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
- Global DHD-1
- JASO DH-1
- ACEA A3/B4
- ACEA E3/E5/E7

Approval

- API CI-4/SL
- Cummins CES 20076/20077/20078
- Mack EO-N
- MB-Approval 228.3
- Renault VI RLD-2
- VOLVO VDS-3

Recommendation

- Allison C-4
- Caterpillar ECF-1a/ECF-2
- Caterpillar TO-2
- Cummins CES 20071/20072
- DDC 93K215
- MB 229.1
- Deutz DQC III-18
- Iveco 18-1804 T2 E7
- MAN M 3275-1
- MB 228.1
- MTU Type 2

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 | 101,1 | mm ² /s | DIN 51659-2:2017-02 |
| Kinematic Viscosity at 100°C | 14,2 | mm ² /s | DIN 51659-2:2017-02 |
| Viscosity Index | 144 | | DIN ISO 2909:2004-08 |
| Appearance | YELLOW/BROWN | | VISUELL |
| Viscosity CCS at -20°C | 5421 | mpas | ASTM D 5293:2020 |
| Density at 15°C | 869 | kg/m ³ | DIN EN ISO 12185:1997-11 |
| Pour Point | -39 | °C | ASTM D 7346:2015 |
| Total Base Number (TBN) | 11,0 | mgkoh/g | ASTM D 2896:2015 |

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