

Product Information

AVENO FS Excellence LS-M 5W-30

0002-000049



Description

AVENO FS Excellence LS-M 5W-30 is a synthetic smooth-running engine oil with reduced sulfate ash content for petrol and diesel car engines. It is particularly well suited to modern diesel engines with particle filters. AVENO FS Excellence LS-M 5W-30 is characterized by its excellent cold starting properties, minimization of fuel consumption, friction and wear. AVENO FS Excellence LS-M 5W-30 provides measurable fuel savings and a reduction in emissions due to a reduced HTHS viscosity. AVENO FS Excellence LS-M 5W-30 contributes to the protection of the environment. Extended oil change intervals as per manufacturer's instructions.

Instructions for use

AVENO FS Excellence LS-M 5W-30 is a universal, synthetic smooth-running engine oil, which has been developed especially for modern diesel engines with particle filters. It is also ideal for gasoline and diesel engines in cars and vans with and without turbocharger.

Quality classification

Specification

- API SN/CF
- ACEA C2/C3

Approval

- API SN
- GM dexos2™ (D235AACF374)
- MB-Approval 229.31
- MB-Approval 229.51
- MB-Approval 229.52
- VW 505 00/505 01

Recommendation

- BMW Longlife-04
- Chrysler MS-11106
- Fiat 9.55535-S3
- Ford WSS-M2C917-A
- Opel/Vauxhall OV0401547-D30

Properties

- Fuel savings under all operating conditions
- A secure lubricant film at high operating temperatures
- Neutrality towards sealants
- Low evaporation, thus low oil consumption
- Low SAPS = reduced sulfate ash, phosphorus and sulfur
- Excellent cold starting properties, even at low temperatures below -30°C
- The function of the hydraulic valve lifter is guaranteed at all temperatures
- Extensive protection against wear, corrosion and foaming
- Extended oil change intervals protect natural resources

Technical specifications

| Properties | Data | Unit | Testing under |
|------------------------------|-------------|--------------------|--------------------------|
| Kinematic Viscosity at 40°C | 69,8 | mm ² /s | DIN 51659-2:2017-02 |
| Kinematic Viscosity at 100°C | 12,0 | mm ² /s | DIN 51659-2:2017-02 |
| Viscosity Index | 170 | | DIN ISO 2909:2004-08 |
| Appearance | YELLOWBROWN | | VISUELL |
| Viscosity CCS at -30°C | 5210 | mpa*s | ASTM D 5293:2020 |
| Density at 15°C | 851 | kg/m ³ | DIN EN ISO 12185:1997-11 |
| Pour Point | -39 | °C | ASTM D 7346:2015 |
| Total Base Number (TBN) | 7,4 | mgkoh/g | ASTM D 2896:2015 |