Product Information

AVENO FS Excellence LS-M 5W-30

7.4

Total Base Number (TBN)

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 | | MB-Approval 229.51 | |
| • GM dexos2™ (D235AACF374) | | MB-Approval 229.52 | |
| • MB-Approval 229.31 | | • VW 505 00/505 01 | |
| Recommendation | | | |
| | | • Ford WSS-M2C917-A | |
| BMW Longlife-04 Charles MS 11106 | | | |
| • Chrysler MS-11106 • Fiat 9.55535-S3 | | Opel/Vauxhall OV0401547-D30 | |
| • Flat 9.55535-53 | | | |
| Properties | | | |
| Fuel savings under all operating conditions | | Excellent cold starting properties, even at low temperatures below -30°C | |
| A secure lubricant film at high operating temperatures | | • The function of the hydraulic valve lifter is guaranteed at all temperatures | |
| Neutrality towards sealants | | Extensive protection against wear, corrosion and foaming | |
| Low evaporation, thus low oil consumption | | Extended oil change intervals protect natural resources | |
| Low SAPS = reduced sulfate ash | , phosphorus and sulfur | | |
| Technical specifications | | | |
| Properties | Data | Unit | Testing under |
| Kinematic Viscosity at 40°C | 69,8 | mm²/s | DIN 51659-2:2017-02 |
| Kinematic Viscosity at 100°C | 12,0 | mm²/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/m³ | DIN EN ISO 12185:1997-11 |
| Pour Point | -39 | °C | ASTM D 7346:2015 |
| | | | |

ASTM D 2896:2015

Deutsche Ölwerke Lubmin GmbH | Freesendorfer Weg 4 | 17509 Lubmin | Phone +49 38354 / 179530 | Fax +49 38354 / 179579

mgkoh/g

Notice: To the best of our knowledge, all of the information provided was in accordance with the latest findings and developments of the Deutsche Ölwerke Lubmin GmbH. Our products are subject to continuous development. For this reason, our products, the manufacturing processes and all related information on this product page are subject to change at any time and without notice, unless customer-specific agreements exist. The data listed are based on standardized test procedures under appropriate laboratory conditions and are to be regarded as general, non-binding reference values.