

Product Information

AVENO FS Excellence 0W-40

0002-000032



Description

AVENO FS Excellence 0W-40 is a synthetic smooth-running engine oil for petrol and diesel car engines with or without turbo-charging and direct injection. AVENO FS Excellence 0W-40 is characterized by its excellent cold starting properties, minimization of fuel consumption, friction and wear. Extended oil change intervals as per manufacturer's instructions. With AVENO FS Excellence 0W-40 a reliable and heavy-duty engine oil has been developed to guarantee the low viscosity of SAE 0W-class as well as a low evaporation loss.

Instructions for use

AVENO FS Excellence 0W-40 is an energy-efficient engine oil for year-round use, and is ideal for all modern petrol and diesel car engines. AVENO FS Excellence 0W-40 can be used in engines with the specifications indicated. The operating instructions of the automobile and engine manufacturer must be observed.

Quality classification

Specification

- ACEA A3/B4
- API SP
- API CF

Approval

- API SP
- MB-Freigabe 229.5
- Porsche A40
- Renault RN0710
- VW 502 00/505 00

Recommendation

- BMW Longlife-01
- Fiat 9.55535-M2/-Z2
- Ford WSS-M2C937-A
- Renault RN0700
- MB 226.5
- MB 229.3
- PSA B71 2296

Properties

- Fuel savings under all operating conditions
- Very good detergent and dispersing properties
- Neutrality towards sealants
- Low evaporation, thus low oil consumption
- Suitable for catalytic converters
- Excellent cold starting properties, even at low temperatures below -30°
- A very stable and excellent viscosity behavior and shear stability
- Excellent 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 | 77.4 | mm ² /s | DIN 51659-2:2017-02 |
| Kinematic Viscosity at 100°C | 13.8 | mm ² /s | DIN 51659-2:2017-02 |
| Viscosity Index | 185 | | DIN ISO 2909:2004-08 |
| Appearance | YELLOWBROWN | | VISUELL |
| Viscosity CCS at -35°C | 5820 | mPa*s | ASTM D 5293:2020 |
| Density at 15°C | 844 | kg/m ³ | DIN EN ISO 12185:1997-11 |
| Pour Point | -54 | °C | ASTM D 7346:2015 |
| Total Base Number (TBN) | 11.5 | mgKOH/g | ASTM D 2896:2015 |