

# Product Information

## AVENO FS Excellence LS 0W-20

0002-000061



### Description

AVENO FS Excellence LS 0W-20 is a fully synthetic smooth-running engine oil for petrol and diesel car engines with or without turbocharging and direct injection. AVENO FS Excellence LS 0W-20 is characterized by its excellent cold starting properties and its minimization of fuel consumption, friction and wear. Extended oil change intervals as per manufacturer's instructions.

### Instructions for use

AVENO FS Excellence LS 0W-20 is an energy-efficient engine oil for year-round use, and is ideal for all modern petrol and diesel car engines. Thanks to significant fuel savings and the reduction of CO<sup>2</sup>-emissions, AVENO FS Excellence LS 0W-20 contributes to the protection of the environment. AVENO FS Excellence LS 0W-20 can be used in engines with the specifications indicated. The operating instructions of the automobile and engine manufacturers must be observed.

### Quality classification

#### Specification

- API SN
- ACEA C5
- ILSAC GF-5

#### Approval

- VOLVO VCC RBS0-2AE 0W-20 - Service Fill

### Properties

- Fuel savings in all operating conditions
- Excellent cold starting properties, even at low temperatures
- Very good detergent and dispersing properties
- A very stable and excellent viscosity behavior, shear stability
- Neutrality towards sealants
- High fuel economy (FE) effect due to base oils and additives
- Excellent protection against wear, corrosion and foaming
- Low evaporation, thus low oil consumption
- Suitability for catalytic converters
- Extended oil change intervals protect natural resources

### Technical specifications

| Properties                   | Data   | Unit               | Testing under            |
|------------------------------|--------|--------------------|--------------------------|
| Kinematic Viscosity at 40°C  | 48,8   | mm <sup>2</sup> /s | DIN 51659-2:2017-02      |
| Kinematic Viscosity at 100°C | 9,2    | mm <sup>2</sup> /s | DIN 51659-2:2017-02      |
| Viscosity Index              | 175    |                    | DIN ISO 2909:2004-08     |
| Appearance                   | YELLOW |                    | VISUELL                  |
| Viscosity CCS at -35°C       | 5700   | mpa*s              | ASTM D 5293:2020         |
| Density at 15°C              | 844    | kg/m <sup>3</sup>  | DIN EN ISO 12185:1997-11 |
| Pour Point                   | -48    | °C                 | ASTM D 7346:2015         |
| Total Base Number (TBN)      | 8,0    | mgkoh/g            | ASTM D 2896:2015         |