

# 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

- API SN/CF
- ACEA A3/B4

#### Approval

- API SN
- MB-Approval 226.5
- MB-Approval 229.5
- Porsche A40
- Renault RN0700/RN0710
- VW 502 00/505 00

#### Recommendation

- BMW Longlife-01
- Fiat 9.55535-M2/-Z2
- Ford WSS-M2C937-A
- 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	76,3	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	13,5	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Viscosity Index	183		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
Viscosity CCS at -35°C	5600	mpa*s	ASTM D 5293:2020
Density at 15°C	844	kg/m <sup>3</sup>	DIN EN ISO 12185:1997-11
Pour Point	-54	°C	ASTM D 7346:2015
Total Base Number (TBN)	10,0	mgkoh/g	ASTM D 2896:2015