

# Product Information

## AVENO Premium LL-17 FE 0W-20

0002-000728



### Description

AVENO Premium LL-17 FE 0W-20 is a synthetic low SAPS oil for petrol and diesel engines with and without turbocharging and with particle filters. Thanks to its special formulation, AVENO Premium LL-17 FE 0W-20 offers significant fuel savings, protects the turbocharger from deposits and thus enables maximum performance. AVENO Premium LL-17 FE 0W-20 supports the avoidance of premature fuel ignition LSPI (Low Speed Preignition) and thus helps to prevent engine damage. By passing various LSPI tests from GM, API and Daimler, AVENO Premium LL-17 FE 0W-20 is also suitable for the latest engine generations.

### Instructions for use

AVENO Premium LL-17 FE 0W-20 is a fuel-saving oil and suitable for year-round use in petrol and diesel engines. Exceptions to this are BMW diesel engines and engines of the M series. The AVENO Premium LL-17 FE 0W-20 is particularly suitable for BMW Bx8 (= all modular engines "Otto") and N20 Otto engines from model year 2014 and the series from Daimler M139.9 (transverse) in BR 177, BR 118, BR 247, M 256, M 260, M 264, M 282, OM 608 OM 654, OM 654 M recommended in Vito and V class. AVENO Premium LL-17 FE 0W-20 is suitable for extended oil change intervals. The operating instructions of the vehicle and engine manufacturers must be observed.

### Quality classification

#### Specification

- API SP (RC)
- ILSAC GF-5/GF-6A
- ACEA C5
- ACEA C6

#### Approval

- MB-Approval 229.72

#### Recommendation

- BMW Longlife-14 FE+
- BMW Longlife-17 FE+
- Chrysler MS-12145
- Fiat 9.55535-GSX
- Jaguar Land Rover STJLR.03.5006
- MB 229.71, MB 229.72
- Opel/Vauxhall OV 0401547 A-20
- Ford WSS-M2C947-A1
- Ford WSS-M2C947-B1
- Ford WSS-M2C952-A1
- Ford WSS-M2C954-A1
- Ford WSS-M2C962-A1
- Volvo VCC RBS0-2AE
- VWC 53037

### Properties

- Excellent cleaning and dispersing properties
- Increased cleanliness
- Very good cold start properties
- LSPI protection against engine damage
- Excellent protection against wear, corrosion and foaming
- Protection of the turbocharger and particle filter from deposits
- Constant oil layer density at different temperature and pressure regulations
- Outstanding fuel economy in all operating conditions

### Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	43.8	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	8.5	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Viscosity Index	174		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
Density at 15°C	847	kg/m <sup>3</sup>	DIN EN ISO 12185:1997-11
Pour Point	-54	°C	ASTM D 7346:2015
Total Base Number (TBN)	7.9	mgKOH/g	ASTM D 2896:2021