

# Product Information

## AVENO Mineral Turbo 20W-50

0002-000003



### Description

AVENO Mineral Turbo 20W-50 is a mineral multi-grade engine oil for gasoline and diesel car engines with or without turbocharging and commercial vehicle engines. Facilitates extended oil change intervals as per manufacturer's instructions. AVENO Mineral Turbo 20W-50 is characterized by its good cold starting properties, minimization of fuel consumption, friction and wear. With AVENO Mineral Turbo 20W-50, a reliable and heavy-duty engine oil has been developed.

### Instructions for use

AVENO Mineral Turbo 20W-50 is an engine oil for year-round use, and is suitable for gasoline and diesel car engines and commercial vehicle engines. AVENO Mineral Turbo 20W-50 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 CH-4
- API SL/CF
- ACEA A3/B4
- ACEA E2

#### Recommendation

- Cummins CES 20071
- Deutz DQC II-10
- Mack EO-M
- MAN 271
- MB 228.1, MB 229.1
- MTU Type 1
- Volvo VDS
- VW 501 01/VW 505 00

### Properties

- Neutrality towards sealants
- Suitable for catalytic converters
- A very good shear stability
- Prevention of black sludge formation
- A high oxidation stability
- Good cold starting properties, even at low temperatures
- A stable and excellent viscosity behaviour
- Good detergent and dispersing properties
- Extensive protection against wear, corrosion and foaming

### Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	164.0	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	18.8	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Viscosity Index	129		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
Viscosity CCS at -15°C	8660	mPa*s	ASTM D 5293:2020
Density at 15°C	890	kg/m <sup>3</sup>	DIN EN ISO 12185:1997-11
Pour Point	-33	°C	ASTM D 7346:2015
Total Base Number (TBN)	11.0	mgKOH/g	ASTM D 2896:2015