

Productcertificate

AVENO MINERAL STANDARD 10W-30

Part no.: 2113501

Description

AVENO MINERAL STANDARD 10W-30 is a mineral multigrade engine oil for passenger cars with and without turbocharging as well as for commercial vehicle engines. Suitable for extended oil change intervals as recommended by manufacturer

AVENO MINERAL STANDARD 10W-30 is characterized by excellent cold starting, minimization of fuel consumption, friction and wear.

With **AVENO MINERAL STANDARD 10W-30** there has been developed oil, which is suitable for performance motors.

Application

AVENO MINERAL STANDARD 10W-30 is ideal for year-round use in all modern cars and commercial vehicles with Otto and Diesel engines.

AVENO MINERAL STANDARD 10W-30 is used in engines with the stated specifications. The operating instructions of the vehicle and engine manufacturers must be observed.

Quality-Classification

AVENO MINERAL STANDARD 10W-30 is tried and tested for aggregates specifying:

- ⇒ API SF/CD
- ⇒ ACEA A2, B2
- ⇒ MIL-L-46152 B
- ⇒ MIL-L-2104 D
- ⇒ MB 227.1
- ⇒ CCMC G4

Technical Characteristics

AVENO MINERAL STANDARD 10W-30 offers:

- ⇒ Excellent cold starting performance even at low temperatures
- ⇒ Stable and excellent viscosity characteristics
- ⇒ Good detergent and dispersant characteristics
- ⇒ Neutral against sealing materials
- ⇒ Extensive protection against wear, corrosion and foaming
- ⇒ Suitable for catalysts
- ⇒ A very good shear stability
- ⇒ Avoids the formation of black sludge
- ⇒ A high oxidation stability

Technical Details

Characteristics	Data	Unit	Test according to
Colour	yellow-brown		visual
Density at 20°C	872	kg/m³	EN ISO 12185
Viscosity at 40°C	66,5	mm²/s	DIN 51 562
Viscosity at 100°C	9,0	mm²/s	DIN 51 562
Viscosityindex	144		DIN ISO 2909
Flash Point (COC)	215	°C	DIN ISO 2592
Pour Point	-29	°C	DIN ISO 3016
Total Base Number	7,4	mg KOH/g	DIN ISO 3771
Sulphated ash	0,8	%	DIN 51 575

All indicated data are approximate values and are subject to the commercial fluctuations.

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.

28.06.13