

MITANOL X-Force 5W-50 Advance

HC-synthetic high-performance low viscosity engine oil for passenger cars

Properties

MITANOL X-Force 5W-50 Advance is a HC-synthetic high-performance low viscosity engine oil of the SAE class 5W-50. HC-synthetic components and innovative additive system tailored thereto ensures compliance with current practical requirements. The significantly improved engine oil quality of **MITANOL X-Force 5W-50 Advance** is especially reflected in the further improved wear protection and the improved engine cleanliness, even with extended oil change intervals. The extremely low-temperature viscosity combined with a safe high-temperature viscosity ensures a high fuel-saving potential.

Application notes

MITANOL X-Force 5W-50 Advance is suitable as a high-performance low viscosity engine oil for demanding engines. Recommended for passenger car petrol and diesel engines, including turbo versions and for direct injection engines, under all operating conditions.

Service description

Specifications:

- ACEA A3/B4
- API SN/CF

Recommendations*:

- BMW Longlife-01
- MB 229.3
- Porsche A40
- VW 502 00 / 505 00
- Renault RN 0710 / 0700
- Opel GM-LL-B-025
- PSA B71 2296

TYPICAL PARAMETERS	METHODS	UNITS	MITANOL X-Force 5W-50 Advance
Density at 15°C	DIN 51 757	kg/m ³	851
Viscosity at 40°C	DIN 51 562	mPa.s	129.3
Viscosity at 100°C	DIN 51 562	mm ² /s	20.4
Viscosity index (VI)	DIN ISO 2909	-	182
Viscosity at -30°C	ASTM D 5293	mPa.s	6120
Pour point	ASTM D 7346	°C	-39
Flash point COC	DIN ISO 2592	°C	242
TBN	ASTM D 2896	mg KOH/g	10.4

* meets the requirements of the OEM manufacturer.
 The stated values may vary within the usual commercial range.