

# MITANOL M-Force 20W-50 Classic X

## High-performance universal engine oil

### Properties

**MITANOL M-Force 20W-50 Classic X** is a mineral oil-based high-performance universal motor oil of viscosity class SAE 20W- 50.

Base oils of the most modern refinery technology and an innovative additive system tailored thereto ensure compliance with current practical requirements.

Its outstanding properties include excellent lubrication reliability at high temperatures and extreme wear protection under all operating conditions. Cleaning additives prevent deposits, pistons and valves remain clean as well as the formation of black sludge. Engine cleanliness and low friction reduce energy losses and lower maintenance costs.

### Application notes

**MITANOL M-Force 20W-50 Classic X** is a high-performance motor oil, universally applicable, even at high loads. Its performance spectrum covers the requirements of passenger car, petrol and diesel engines with and without turbocharging. The high requirements of modern, low-consumption engines to meet the tightened exhaust emission standards are met with reserve.

### Service description

#### Specifications:

- API SL/CF

TYPICAL PARAMETERS	METHODS	UNITS	MITANOL M-Force 20W-50 Classic X
Density at 15°C	DIN 51 757	kg/m <sup>3</sup>	878
Viscosity 40°C	DIN 51 562	mm <sup>2</sup> /s	145
Viscosity 100°C	DIN 51 562	mm <sup>2</sup> /s	17.4
Viscosity index (VI)	DIN ISO 2909	-	132
Viscosity at -15°C	DIN 51 377	mPa.s	5680
Pour point	DIN ISO 3016	°C	-30
Flash point COC	DIN ISO 2592	°C	228
TBN	DIN ISO 3771	mg KOH/g	8.6

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