



# RAVENOL Motobike 4-T Mineral SAE 20W-50



1L | 1173122-001

4L | 1173122-004

10L | 1173122-010

20L | 1173122-020

20L | 1173122-B20

60L | 1173122-060

208L | 1173122-208

1000L | 1173122-700

**Kategorie:** Motorbike engine oil

**Artikelnummer:** 1173122

**Viscosity:** 20W-50

**Specification:** API SN

**Oil type:** Mineral

**Approvals:** JASO MA2 T903:2016 (M049RAV171)

**Recommendation:** Aprilia, BMW, Ducati, Honda, Kawasaki, Moto-Guzzi, Suzuki, Triumph, Yamaha

**Application:** Motorcycle

**RAVENOL Motobike 4-T Mineral 20W-50** is an engine oil on mineral oil base with excellent additives which was especially produced for 4 stroke motorbikes. With **RAVENOL Motobike 4-T Mineral 20W-50** a solid and high loadable engine oil was developed for superior engines of motorbikes with wet couplings and oil lubricated couplings.

**RAVENOL Motobike 4-T Mineral 20W-50** has an excellent lubricating film adhesive capacity and a very good shear stability as well as an excellent cleaning power and a high aging resistance.

## Application Note

**RAVENOL Motobike 4-T Mineral 20W-50** is suitable as an engine oil for all motorbikes in case the specification SAE 20W-50 JASO MA/MA2 is requested.

## Characteristics

- a very good shear stability
- very good cold start characteristics
- a high oxidation stability
- prevention of black sludge accumulation
- an excellent viscosity temperature behaviour
- suitable for catalyts
- convincing detergent and dispersant characteristics
- high safety reserves even under boundary lubrication conditions

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	873,2	EN ISO 12185
Colour		hellbraun	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	18,0	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	161,8	DIN 51562-1
Viscosity Index VI		123	DIN ISO 2909
HTHS Viscosity at 150 °C		5,15	ASTM D5481
CCS Viscosity at -15 °C	mPa*s	8300	ASTM D5293
Pourpoint	mPa*s	-39	DIN ISO 3016
Noack Volatility	% M/M	2,8	ASTM D5800
Flashpoint	°C	266	DIN EN ISO 2592
tbn	mg KOH/g	7,6	ASTM D2896
Sulphated Ash	%wt.	0,85	DIN 51575
JASO T904 DFI		1,89	JASO T904
JASO T904 SFI		1,65	JASO T904
JASO T904 STI		1,86	JASO T904

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