



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



**ART.-NR. 1173122**

1 L | 1173122-001  
4 L | 1173122-004  
20 L | 1173122-020  
20 L | 1173122-B20  
1000 L | 1173122-700

**VISCOSITY** 20W-50

**SPECIFICATIONS** API SN

**FABRICATION** MINERAL

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

**RECOMMENDATIONS** YAMAHA | KAWASAKI | HONDA | APRILIA | BMW | SUZUKI | DUCATI | TRIUMPH | MOTO-GUZZI

**RAVENOL Motobike 4-T Mineral SAE 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 SAE 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 SAE 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 Notes

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

## Characteristics

**RAVENOL Motobike 4-T Mineral SAE 20W-50** offers:

- 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 catalysts
- convincing detergent and dispersant characteristics
- high safety reserves even under boundary lubrication conditions



Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	873,2	EN ISO 12185
Colour		hellbraun	visual
Viscosity at 100°C	mm <sup>2</sup> /s	18,0	DIN 51 562
Viscosity at 40°C	mm <sup>2</sup> /s	161,8	DIN 51 562
Viscosity index VI		123	DIN ISO 2909
HTHS Viscosity	mPa*s	5,15	ASTM D5481
CCS Viscosity at -15°C	mPa*s	8300	ASTM D5293
Pourpoint	°C	-39	DIN ISO 3016
Noack Volatility	% M/M	2,8	ASTM D5800/b
Flash point	°C	266	DIN ISO 2592
TBN	mg KOH/g	7,6	ASTM D2896
Sulphated ash	%wt.	0,85	DIN 51 575
JASO T904 DFI		1,89	JASO T904
JASO T904 SFI		1,65	JASO T904
JASO T904 STI		1,86	JASO T904

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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