



## RAVENOL Motobike 4-T Ester SAE 5W-40



**VISCOSITY** 5W-40

**SPECIFICATIONS** API SN

**FABRICATION** SYNTHETIC

**APPROVALS** JASO MA2 T903:2016 (M049RAV173)

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

**ART.-NR. 1171102**

1 L | 1171102-001  
4 L | 1171102-004  
20 L | 1171102-020  
20 L | 1171102-B20  
1000 L | 1171102-700

**RAVENOL Motobike 4-T Ester SAE 5W-40** is a future-oriented engine oil which was especially produced for 4 stroke motorbikes. It provides a fuel saving operation of the engines. In order to guarantee the low viscosity of the SAE class 5W as well as a low evaporation loss a solid and high loadable engine oil was formulated for superior engines of motorbikes with wet couplings and oil lubricated couplings with **RAVENOL Motobike 4-T Ester SAE 5W-40**. The excellent cold start behaviour provides an optimum lubrication safety during the cold run phase.

**RAVENOL Motobike 4-T Ester SAE 5W-40** fulfils the high tech demands of the latest powerful engine generation.

## Application Notes

**RAVENOL Motobike 4-T Ester SAE 5W-40** is suitable as a high performance low friction engine oil for all motorbikes in case the specification SAE 5W-40 is requested.

## Characteristics

**RAVENOL Motobike 4-T Ester SAE 5W-40** offers:

- a high corrosion protection
- fuel saving because of smooth running characteristics
- excellent detergent and dispersant characteristics
- prevention of black sludge formulation
- long endurance because of a high oxidation stability
- an excellent cold start behaviour
- a very good viscosity temperature behaviour
- a low evaporation tendency
- suitable for catalysts



Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	848,0	EN ISO 12185
Colour		hellbraun	ASTM D15000
Viscosity at 100°C	mm <sup>2</sup> /s	13,7	DIN 51 562
Viscosity at 40°C	mm <sup>2</sup> /s	83,0	DIN 51 562
Viscosity index VI		169	DIN ISO 2909
CCS Viscosity at -30°C	mPa*s	5937	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35°C	mPa*s	28.300	ASTM D4684
Pourpoint	°C	-39	DIN ISO 3016
Noack Volatility	% M/M	5,8	ASTM D5800/b
Flash point (COC)	°C	244	DIN ISO 2592
TBN	mg KOH/g	7,6	ASTM D2896
Sulphated ash	%wt.	0,87	DIN 51 575

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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