



1 L | 1171102-001  
4 L | 1171102-004  
20 L | 1171102-020  
20 L | 1171102-B20  
60 L | 1171102-060  
208 L | 1171102-208

## RAVENOL MOTOBIKE 4-T ESTER SAE 5W-40

**Category** Motorbike engine oil

**Item number** 1171102

**Viscosity** 5w-40

**Specification** API SN

**Oil type** Synthetic

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

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

**Application** Motorcycle

**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 Note

**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

- 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

## Technical Product Data

Density at 20 °C	848	kg/m <sup>3</sup>	EN ISO 12185
Colour	hellbraun		VISUELL
Viscosity at 100 °C	13,7	mm <sup>2</sup> /s	DIN 51562-1
Viscosity at 40 °C	83	mm <sup>2</sup> /s	DIN 51562-1
Viscosity Index VI	169		DIN ISO 2909
CCS Viscosity at -30 °C	5937	mPa*s	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	28.300	mPa*s	ASTM D4684
Pourpoint	-39	°C	DIN ISO 3016
Noack Volatility	5,8	% M/M	ASTM D5800
Flashpoint	244	°C	DIN EN ISO 2592
tbn	7,6	mg KOH/g	ASTM D2896
Sulphated Ash	0,87	%wt.	DIN 51575

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