



## RAVENOL Motobike 4-T Ester SAE 10W-60



**VISCOSITY** 10W-60  
**SPECIFICATIONS** API SN  
**FABRICATION** FULLY SYNTHETIC  
**APPROVALS** JASO MA2 T903:2016 (M049RAV177)  
**RECOMMENDATIONS** YAMAHA | KAWASAKI | HONDA | APRILIA | BMW | SUZUKI | DUCATI | TRIUMPH | MOTO-GUZZI

**ART.-NR. 1171104**

1 L | 1171104-001  
 4 L | 1171104-004  
 20 L | 1171104-020  
 20 L | 1171104-B20  
 1000 L | 1171104-700

**RAVENOL Motobike 4-T Ester SAE 10W-60** is fully synthetic engine oil which was especially produced for 4 stroke motorbikes. It provides a fuel saving operation of the engines. With **RAVENOL Motobike 4-T Ester SAE 10W-60** a solid and high loadable engine oil was developed for superior engines of motorbikes with wet couplings and oil lubricated couplings. The excellent cold start behaviour provides an optimum lubrication safety during the cold run phase.

**RAVENOL Motobike 4-T Ester SAE 10W-60** fulfils the high tech demands of the latest powerful engine generation.

### Application Notes

**RAVENOL Motobike 4-T Ester SAE 10W-60** is suitable as a high performance low friction engine oil for all motorbikes in case the specification SAE 10W-60 is requested.

### Characteristics

**RAVENOL Motobike 4-T Ester SAE 10W-60** offers:

- a quick lubrication of the engine
- a low evaporation tendency, therefore a lower oil consumption
- safety against sludge accumulation, cokings and corrosion even under unfavourable operating conditions
- guarantee of the function of the hydro tappets at all temperatures
- no oil limited deposits in combustion chambers, at the piston ring and valves
- unchanged viscosity during the whole oil change interval, a high viscosity index
- neutral against sealing materials

Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	855	EN ISO 12185
Colour		gelbbraun	visual



Property	Unit	Data	Audit
Viscosity at 40°C	mm <sup>2</sup> /s	2648	DIN 51 562
Viscosity index VI		171	DIN ISO 2909
CCS Viscosity at -25°C	mPa*s	6600	ASTM D5293
Pourpoint	°C	-36	DIN ISO 3016
Noack Volatility	% M/M	5,3	ASTM D5800/b
Flash point	°C	224	DIN ISO 2592
TBN	mg KOH/g	7,5	ASTM D2896
Sulphated ash	%wt.	0,84	DIN 51575

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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