





## **RAVENOL MOTOBIKE 4-T Ester SAE 15W-50**



VISCOSITY 15W-50 SPECIFICATIONS API SN |JASO MA2 T903:2016 (M049RAV178) FABRICATION SYNTHETIC RECOMMENDATIONS YAMAHA | KAWASAKI | HONDA | APRILIA | BMW | SUZUKI | DUCATI | TRIUMPH | MOTO-GUZZI

ART.-NR. 1172113

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**RAVENOL Motobike 4-T Ester SAE 15W-50** is a future-oriented engine oil which was especially produced for 4 stroke motorbikes. It provides a fuel saving operation of the engines. Because of its synthetic components and a balanced innovative additivation it is suitable for superior engines of motorbikes with wet couplings and oil lubricated couplings.

With **RAVENOL Motobike 4-T Ester SAE 15W-50** a solid and high loadable engine oil was developed. The excellent cold start behaviour provides an optimum lubrication safety during the cold run phase.

**RAVENOL Motobike 4-T Ester SAE 15W-50** fulfils the high tech demands of the latest powerful engine generation.

## **Application Notes**

**RAVENOL Motobike 4-T Ester SAE 15W-50** is suitable as a high performance low friction engine oil for all motorbikes in case the specification SAE 15W-50 JASO MA/MA2 is requested.

## **Characteristics**

RAVENOL Motobike 4-T Ester SAE 15W-50 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/m³	860,0	EN ISO 12185
Colour		gelbbraun	visual
Viscosity at 100°C	mm²/s	18,7	DIN 51562-1
Viscosity at 40°C	mm²/s	144,7	DIN 51562-1
Viscosity index VI		147	DIN ISO 2909
HTHS Viskosität bei 150°C	mPa*s	5,13	ASTM D5481
CCS Viscosity at -20°C		6300	ASTM D5293
Pourpoint	°C	-30	DIN ISO 3016
Flash point	°C	256	DIN ISO 2592
TBN	mg KOH/g	7,9	ASTM D2896
Sulphated ash	%wt.	0,86	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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