



## RAVENOL Motobike 4-T Ester SAE 10W-40



ART.-NR. 1172112

1 L | 1172112-001  
4 L | 1172112-004  
20 L | 1172112-020  
20 L | 1172112-B20  
60 L | 1172112-060  
60 L | 1172112-D60  
208 L | 1172112-208  
208 L | 1172112-D28  
1000 L | 1172112-700

**VISCOSITY** 10W-40

**SPECIFICATIONS** API SN | JASO MA2 T903:2016 (M049RAV175)

**FABRICATION** SYNTHETIC

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

**RAVENOL Motobike 4-T Ester SAE 10W-40** 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 10W-40** 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 10W-40** fulfils the high tech demands of the latest powerful engine generation.

## Application Notes

**RAVENOL Motobike 4-T Ester SAE 10W-40** is suitable as a high performance low friction engine oil for all motorbikes in case the specification SAE 10W-40 JASO MA/MA2 is requested.

## Characteristics

**RAVENOL Motobike 4-T Ester SAE 10W-40** 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>  | 850    | EN ISO 12185 |
| Colour                                     |                    | braun  | visual       |
| Viscosity at 100°C                         | mm <sup>2</sup> /s | 14,16  | DIN 51562-1  |
| Viscosity at 40°C                          | mm <sup>2</sup> /s | 94,73  | DIN 51562-1  |
| Viscosity index VI                         |                    | 154    | DIN ISO 2909 |
| HTHS at 150°C                              | mPa*s              | 4,22   | ASTM D5481   |
| CCS Viscosity at -25°C                     | mPa*s              | 5900   | ASTM D5293   |
| Low Temp. Pumping viscosity (MRV) at -30°C | mPa*s              | 21.300 | ASTM D4684   |
| Pourpoint                                  | °C                 | -39    | DIN ISO 3016 |
| Noack Volatility                           | % M/M              | 3,6    | ASTM D5800/b |
| Flash point (COC)                          | °C                 | 254    | DIN ISO 2592 |
| TBN  | mg KOH/g           | 7,8    | ASTM D2896   |
| Sulphated ash                              | %wt.               | 0,85   | DIN 51 575   |
| JASO T904 DFI                              |                    | 1,98   | JASO T904    |
| JASO T904 SFI                              |                    | 1,69   | JASO T904    |
| JASO T904 STI                              |                    | 1,94   | 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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