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- ProductInformation -

**RAVENOL Motobike 4-T Ester SAE 5W-30**  
**Art. 171101**

**Description:**

**RAVENOL Motobike 4-T Ester SAE 5W-30** is a 4 stroke high performance low friction multi-range engine oil which was especially produced for 4 stroke motorbikes. Because of its synthetic components and a balanced innovative additivition it is suitable 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. Because of a considerable fuel saving **RAVENOL Motobike 4-T Ester SAE 5W-30** contributes to protect the environment by reducing the emissions.

**Application directions:**

**RAVENOL Motobike 4-T Ester SAE 5W-30** is suitable as a high performance low friction engine oil for all motorbikes in case the specification SAE 5W-30 is requested.

**Quality classification:**

**RAVENOL Motobike 4-T Ester SAE 5W-30** is practice-related and tested in aggregates with filling specification:

API SM

JASO MA/MA2 T903:2006

**Characteristics:**

**RAVENOL Motobike 4-T Ester SAE 5W-30** offers:

- a very stable and excellent viscosity behaviour
- an excellent shear stability
- very good cold start characteristics
- a safe lubrication film at very high operating temperatures
- a considerable lower evaporation tendency, therefore a lower oil consumption
- very good detergent and dispersant characteristics
- a very good corrosion protection
- protection against foam formation
- suitable for catalysts

**Technical values:**

Characteristics	unit	data	test according to	
<b>Colour</b>		yellow brown		
<b>Density</b>	at 20 °C	g/ml	0,845	DIN 51 7 57
<b>Viscosity</b>	at -30 °C	mPas	<6600	DIN 51 377
	at 40 °C	mm <sup>2</sup> /s	61,0	DIN 51 562
	at 100 °C	mm <sup>2</sup> /s	10,3	DIN 51 562
<b>Viscosity index</b>		160		DIN ISO 2909
<b>Flash point</b>	COC	°C	230	DIN ISO 2592
<b>Pour point</b>		°C	- 34	DIN ISO 3016
<b>TBN</b>		mg KOH/g	9,7	DIN ISO 3771
<b>Sulfat ash</b>		%	1,2	DIN 51 575

All indicated data are approximate values and are subject to the commercial fluctuations.

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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