



SMARTER MATIC MB 4T

Description

Ultra-high-quality engine oil for high performance 4T engines with fuel saving properties. It contains special additives that improve lubricity and friction control. These additives bring it in line with the JASO MB quality standard. It is recommended for use in motorcycles that require a low-friction lubricant.

JASO MB is recommended especially for dry-clutch scooters and automatic-transmission motorcycles.

Properties

- It was developed in accordance with the strictest requirements to contribute to fuel savings and consequently to protecting the environment by reducing CO2 emissions.
- The trials in four-stroke motorcycles under extreme working conditions have confirmed excellent protection against wear.
- Its formula offers a high level of performance and, in turn, guarantees adequate friction reduction for the parts coated in the oil.
- They should only be used when SAE 10W-40 or SAE 5W-40 viscosity levels are recommended by the manufacturer of the motorcycle.

Quality levels, approvals and recommendations

- JASO: T-903: 2016 MB (10W-40, 5W-40)
- API: SN (10W-40, 5W-40)

Technical specifications

	UNIT	METHOD	VALUE	
SAE Grade			5W-40	10W-40
Density at 15 °C	g/cm3	ASTM D4052	0.854	0.853
Viscosity at 100 °C	cSt	ASTM D445	14.0	14.4
Viscosity at 40 °C	cSt	ASTM D445	82	93.8
Viscosity index	-	ASTM D2270	172	159
Flash point, open cup	°C	ASTM D92	214	240
Pour point	°C	ASTM D97	-42	-33
TBN	mg KOH/g	ASTM D2896	7	5.5
Sulphated ashes	% in weight	ASTM D874	0.8	0.73

The above mentioned characteristics are typical values and should not be considered product specifications.