



MOTO RACING HMEOC 4T 10W30

■ Description

Synthetic lubricant oil for high performance 4-stroke engines with fuel saving properties. High thermal stability and excellent engine care as it is used at high engine revolutions even under high temperatures in hot climates. It particularly cares for the delicate parts such as the gearbox and wet clutches. With Racing HMEOC your engine is always ready to give maximum performance.

■ Properties

- Developed according to the demanding HMEOC (High Quality Motorcycle Engine Oil Conception for fuel saving) requirements to contribute towards fuel saving and therefore to protecting the environment by reducing CO₂ emissions.
- Results tested on four-stroke motorcycles in extreme working conditions that have shown excellent protection against wear.
- Its formula offers high level performance and, at the same time, ensures adequate friction for couplings coated in oil in the joint engine and transmission lubrication systems in motorcycles (wet clutch).
- Only use when this SAE 10W30 viscosity grade is recommended by the motorcycle manufacturer. It offers fuel savings of up to 8 % and reduced lubricant consumption (*), thus guaranteeing exceptional lubrication of the engine and transmission.

(*) Source: Honda Technical Support for Motorcycle Engine Oil Working Group (Low Viscosity Promotion) - 2008 Fuels & Lubricants Steering Committee for Asia

■ Quality level

- HMEOC (High Quality Motorcycle Engine Oil Conception for Fuel Saving)
- JASO T-903:2006 MA
- API SJ

■ Technical Characteristics

	UNIT	METHOD	VALUE
SAE Grade	-	-	10W30
Density at 15°C	g/cm ³	ASTM D 4052	0.859
Viscosity at 100°C	cSt	ASTM D 445	10.1
Viscosity at 40°C	cSt	ASTM D 445	63
Viscosity at -25 °C	cP	ASTM D 5293	7000 max
Viscosity rate	-	ASTM D 2270	147
Flash point, open cup	°C	ASTM D 92	248
Pour point	°C	ASTM D 97	-42
T. B. N.	mg KOH/g	ASTM D 2896	8.2
Sulphated ashes	% in weight	ASTM D 874	1.15
Shear I. Bosch at 100°C	cSt	ASTM D 3945	9.9
Volatility Noack 250°C	%	DIN 51581	7.8

■ Hazard Identification

This product is not classified as toxic or hazardous under current legislation.

■ Handling

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

■ Health and safety hazards

Inhalation: Given that it is not a particularly volatile product, the risk of inhalation is minimal.

Ingestion: Do not induce vomiting. Supply water. Seek medical advice.

Contact with the skin: Wash thoroughly with soap and water.

Eyes: Wash thoroughly with water.

General measures: Seek medical advice.

■ Fire-extinguishing measures

No special measures required.

Fire-extinguishing measures: Foams, dry chemicals, CO₂, water spray. Do not apply the jet of water directly as this could cause the product to disperse.

■ Environmental precautions

Risk of physical contamination when spilled (waterways, coastal areas, soils, etc.) due to its floatability and oily consistency; could cause harm to flora and fauna on contact. Avoid material getting into water outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

A safety information file is available on request.

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Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.