



## MOTUL 5000 20W-50 4T

**4-Stroke motorcycle engine lubricant  
Recreational & Utility  
HC-TECH® – Semi-synthetic**

### TYPE OF USE

**MOTUL 5000** is a HC-TECH® – semi-synthetic 4T motorcycle motor oil suitable for any type of street or off-road motorcycle with 4-stroke engine, with or without integrated gearbox, wet or dry clutch. Perfect for motorcycles with exhaust after-treatment systems such as catalytic converters or secondary air injection.

Other applications: ATVs, UTVs, SxS and personal watercraft (PWC) depending on manufacturer's viscosity recommendation.

### PERFORMANCES

#### STANDARDS

API SN

JASO MA2 (2023) No. M033MOT205

#### PERFORMANCES

HARLEY-DAVIDSON MC - Meets HARLEY DAVIDSON specifications

#### Features and benefits

- Dedicated formula reinforced with Extreme Pressure additives for improved gear protection.
- Very good lubricating properties for easy shifting, reduced wear and increased engine life.
- High cleaning and dispersing properties to maintain engine cleanliness.
- The API SN standard was designed to provide improved performance across a wide range of areas including high temperature deposit protection for pistons and improved protection against the formation of engine sludge.
- JASO (Japanese Automobile Standards Organization) has developed its own standard for 4-stroke motorcycle motor oils - JASO T903: 2023. It consists of three parts: Engine performance, clutch friction performance, physicochemical limits. Specification JASO MA2 provides the most efficient friction values to ensure best clutch friction engagement in all riding modes.

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.

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### RECOMMENDATIONS

Drain interval: Up to 10,000 km, depending on manufacturer's recommendations or individual use.  
Can be mixed with synthetic or mineral lubricants.

### PROPERTIES

Viscosity grade	SAE J 300	20W-50
Density at 20°C (68°F)	ASTM D1298	0.875
Viscosity at 40°C (104°F)	ASTM D445	156.0 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	18.5 mm²/s
Viscosity Index	ASTM D2270	133.0
Pour point	ASTM D97	-39.0 °C / -38.0 °F
TBN	ASTM D2896	6.8 mg KOH/g
Flash point	ASTM D92	238.0 °C / 460.0 °F

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