



MOTUL 5100 20W-50 4T

**High Performance Motorcycle Lubricant
Recreational & Commuting
Technosynthese® – Ester**

TYPE OF USE

MOTUL 5100 is a 4T motorcycle engine oil that meets reliability expectations for daily use and recreational activities. 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, personal watercraft (PWC) or snowmobiles depending on manufacturer's viscosity recommendation.

PERFORMANCES

STANDARDS API SP
 JASO MA2 (2023) M033MOT210

Features and benefits

- Synthetic-based lubricant Technosynthese® reinforced with an exclusive Ester technology to ensure anti-wear properties and improve gear protection and life.
- Improved oil film resistance at high temperatures for extended overall engine protection.
- Optimized phosphorus and sulfur content for best catalyst operating conditions.
- The innovative package of anti-wear additives provides excellent protection for the gearbox.
- Dedicated formula for maximum efficiency & protection, smooth shifting, optimized fuel economy and easy start-up
- The API SP standard guarantees further performance benefits including emissions system compatibility, oxidative stability and deposit control for the most severe modern hardware applications.
- JASO (Japanese Automobile Standards Organization) has developed its own standard for 4-stroke motorcycle engine 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 16,000 km, depending on manufacturer's recommendations or individual use.
Can be mixed with synthetic or mineral lubricants.

PROPERTIES

| | | |
|----------------------------|------------|--------------------------|
| Color | Visual | Amber |
| Viscosity grade | SAE J 300 | 20W-50 |
| Density at 20°C (68°F) | ASTM D1298 | 0.876 |
| Viscosity at 40°C (104°F) | ASTM D445 | 150.7 mm ² /s |
| Viscosity at 100°C (212°F) | ASTM D445 | 18.0 mm ² /s |
| Viscosity Index | ASTM D2270 | 132.0 |
| Pour point | ASTM D97 | -27.0 °C / -17.0 °F |
| Flash point | ASTM D92 | 242.0 °C / 471.0 °F |

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