



## MOTUL 7100 20W-50 4T

**High Performance Motorcycle Lubricant  
Sport & Adventure  
100% Synthetic – Ester**

### TYPE OF USE

**MOTUL 7100** is a best-in-class motor oil for maximal protection dedicated to providing the best performances for on-road and off-road riding.

Suitable for any type of high performance 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. Designed for severe conditions in sport and adventure riding.

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

### PERFORMANCES

#### Features and benefits

- Synthetic base oil with an exclusive Ester technology in combination with an innovative package of anti-wear additives provides for
  - minimized internal engine friction losses and improved overall performance,
  - stronger oil film resistance at high temperatures and high speeds,
  - improved shear strength and thus excellent gearbox protection over the entire oil drain interval.
- Optimized phosphorus and sulfur content for best catalyst operating conditions.
- Specially formulated for sharp engine response, increased clutch grip / improved shifting, high temperature resistance and protection.
- 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     | Red                 |
| Viscosity grade                 | SAE J 300  | 20W-50              |
| Density at 20°C (68°F)          | ASTM D1298 | 0.856               |
| Viscosity at 40°C (104°F)       | ASTM D445  | 119.5 mm²/s         |
| Viscosity at 100°C (212°F)      | ASTM D445  | 17.5 mm²/s          |
| HTHS viscosity at 150°C (302°F) | ASTM D4741 | 4.6 mPa.s           |
| Viscosity Index                 | ASTM D2270 | 162.0               |
| Pour point                      | ASTM D97   | -30.0 °C / -22.0 °F |
| Flash point                     | ASTM D92   | 246.0 °C / 475.0 °F |

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| STANDARDS |                           |
|-----------|---------------------------|
| API       | SP                        |
| JASO      | MA2 (2023) No. M033MOT216 |

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