



## MOTUL 7100 5W-40 4T

**High Performance Motorcycle Lubricant  
Sport & Adventure  
Synthetic Technology**

### TYPE OF USE

High performance bikes, sports bikes, street & road bikes, trails, off road bikes, enduro, trial...fitted with 4 stroke engines, integrated gearbox or not, wet or dry clutch, engines meeting Euro 2, 3, 4 or 5 emission regulation, fitted with exhaust gas after treatment systems: catalytic converters, air injection into exhaust pipe...

Recommended for specific BMW, APRILIA, MOTO GUZZI, GAS GAS engines requiring SAE 5W-40 viscosity grade oil.

Other uses: street bikes without catalytic converters, scooters, ATVs, UTVs...

### PERFORMANCES

#### STANDARDS

API SP

JASO MA2 (2023) No. M033MOT217

#### 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 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: according to manufacturers' recommendations and tune to your own use.  
Can be mixed with synthetic or mineral lubricants.

### PROPERTIES

Color	Visual	Red
Viscosity grade	SAE J 300	5W-40
Density at 20°C (68°F)	ASTM D1298	0.85
	ASTM D445	82.2 mm <sup>2</sup> /s
Viscosity at 40°C (104°F)		
	ASTM D445	13.6 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)		
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.8 mPa.s
	ASTM D2270	169.0
Viscosity Index		
	ASTM D97	-36.0 °C / -33.0 °F
Pour point		
Flash point	ASTM D92	236.0 °C / 457.0 °F

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