MOTUL 7100 10W-40 4T

High Performance Motorcycle Lubricant
Sport & Adventure
Ester Core®

TYPE OF USE

4-Stroke lubricant – Ester Technology – Meets bike manufacturer specifications. Excellent shear resistance protecting engine and gearbox. Smooth shifting. Meets JASO MA2 specifications for optimal wet clutch performance. Suitable for catalytic converters.

PERFORMANCES

STANDARDS	API SP
	JASO MA2 (2023) No. M033MOT212

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 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.

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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	10W-40
Density at 20°C (68°F)	ASTM D1298	0.853
Viscosity at 40°C (104°F)	ASTM D445	85.8 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	13.2 mm²/s
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.8 mPa.s
Viscosity Index	ASTM D2270	155.0
Pour point	ASTM D97	-30.0 °C / -22.0 °F
Flash point	ASTM D92	246.0 °C / 475.0 °F

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