MOTUL 5100 10W-50 4T

High Performance Motorcycle Lubricant
Technosynthese® – Ester

TYPE OF USE

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...

Suitable for specific KTM, HUQSVARNA engines requiring SAE 10W-50 viscosity grade oil.

Other uses: street bikes without catalytic converters, scooters, ATV's, UTV's…

PERFORMANCES

STANDARDS	API SM/SL/SJ/SH/SG
	JASO MA2 - M033MOT157

Protection

Synthetic lubricant Technosynthese® reinforced by Ester base stock to warranty anti-wear properties and improve gear protection and life time.

Improved oil film resistance at high temperatures for engine durability.

Grade 10W at cold temperature for a better anti wear protection of engine at cranking.

Grade 50 at hot temperature, specially designed for big bore engines, thumpers, twins, multicylinders…

Low Phosphorus and Sulphur content for better operating conditions of catalytic converters required for latest emission regulation.

The innovative anti wear additives package provides excellent gearbox protection. FZG Gear Test results: Pass FLS 14. The **FZG** (**F**orschungsstelle für **Z**ahnrader und **G**etriebebau) Test, evaluates fluid lubricating and wear protection properties at the interface of a loaded set of gears.

Comfort

JASO has created its own 4-stroke motorcycle standard -JASO T903- which has three grades MA, MA1 and MA2.

JASO MA2 offers the most efficient friction levels to guarantee the clutch engagement during the three riding modes: Starting, Acceleration and Constant Speed.

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development. br\>
Product specifications are definitive from the order which is subject to our general conditions of sale and warranty. Made in FRANCE

MOTUL - 119 Bd Félix Faure - 93303 - Aubervilliers Cedex - BP 94 - FRANCE - Tel: 33 1 48 11 70 00 - Fax: 33 1 48 33 28 79 - www.motul.com

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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	Amber
Viscosity grade	SAE J 300	10W-50
Density at 20°C (68°F)	ASTM D1298	0.873
Viscosity at 40°C (104°F)	ASTM D445	118.3 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	17.7 mm²/s
Viscosity Index	ASTM D2270	168.0
Pour point	ASTM D97	-39.0 °C / -38.0 °F
TBN	ASTM D2896	8.2 mg KOH/g
Flash point	ASTM D92	218.0 °C / 424.0 °F

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