



## 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, HUSQVARNA 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** (Forschungsstelle für Zahnrad und Getriebbau) 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	0.859
Viscosity at 40°C (104°F)	ASTM D445	120.9 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	18.0 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	166.0
Pour point	ASTM D97	-33.0 °C / -27.0 °F
TBN	ASTM D2896	7.5 mg KOH/g
Flash point	ASTM D92	224.0 °C / 435.0 °F

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