



## MOTUL 5100 10W-30 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 designed to run a low viscosity lubricant, 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 HONDA, YAMAHA engines requiring SAE 10W-30 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 - M033MOT155

#### 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.

Optimized Phosphorus and Sulfur content (JASO MA2 < 1200 ppm) for better operating conditions of catalytic converters.

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.



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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-30
Density at 20°C (68°F)	ASTM D1298	0.871
Viscosity at 40°C (104°F)	ASTM D445	74.6 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	11.5 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	147.0
Pour point	ASTM D97	-36.0 °C / -33.0 °F
TBN	ASTM D2896	7.5 mg KOH/g
Flash point	ASTM D92	226.0 °C / 438.0 °F

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

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