

# **MOTUL** 5100 4T 10W-40

**High Performance Motorcycle Lubricant** 

# Technosynthese<sup>®</sup>- 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 or Euro 3 emission regulation, fitted with exhaust gas after treatment systems: catalytic converters, air injection into exhaust pipe... Suitable for specific SUZUKI, YAMAHA, KAWASAKI engines requiring SAE 10W-40 viscosity grade oil.

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

## PERFORMANCE

STANDARDSAPI SM / SL / SJ / SH / SGSPECIFICATIONSJASO MA2 under N° M033MOT112

### Protection

Technosynthese<sup>®</sup> lubricant 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 Sulphur 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 Zahnrader und Getriebebau) 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.

#### **RECOMMENDATIONS**

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

#### PROPERTIES

Color Viscosity grade Density at 20°C (68°F) Viscosity at 40°C (104°F) Viscosity at 100°C (212°F) Viscosity Index Pour point Flash point	Visual SAE J 300 ASTM D1298 ASTM D445 ASTM D445 ASTM D2270 ASTM D97 ASTM D92	Amber <b>10W-40</b> 0.871 89.8 mm <sup>2</sup> /s 13.82 mm <sup>2</sup> /s 157 -33°C / -27°F 226°C / 438.8°F 7.5 mg KOU/s
TBN	ASTM D2896	7.5 mg KOH/g

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 not 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 – Tel: 33 1 48 11 70 00 - Fax: 33 1 48 33 28 79. Web Site: www.motul.com