



## 300V 4T FACTORY LINE ROAD RACING 10W-50

Lubricant for racing motorcycles  
**ESTER Core® Technology**

### TYPE OF USE

**MOTUL 300V 4T Factory Line Road Racing** is a unique high-end lubricant based on **ESTER Core® Technology** and premium raw materials developed through racing activities.

Made for 4-stroke road racing engines from private track motorcycles to professional race bikes in Endurance, Supersport, Suberbike and GP motorcycle racing.

Other applications: Street bikes fitted with catalytic converters, sidecars, UTVs, SxS, personal water craft (PWC), snowmobiles, ...

### PERFORMANCES

STANDARDS Above existing Motorsport standards / Wet clutch compatibility tested according to JASO T903:2023, level MA2

#### **ESTER Core® Technology**

MOTUL can rely on decades of experience in the development of synthetic high-performance ester-based lubricants.

Through the selection of special esters in combination with an innovative additive package Motul achieves the perfect synergy in terms of maximum engine, transmission and clutch performance without compromising wear protection and reliability.

- Up to 1.3% horsepower increase.\*
- Best lubricity for ultimate engine response and acceleration.
- Outstanding gear tooth face scuffing resistance (FZG failure load stage >14)\*\*
- High polarity for maximum oil film adhesion on metal surfaces.
- Fastest oil flow already in the starting phase reduces critical cold start wear and guarantees long engine life.
- Stable oil pressure under all operating conditions for maximum reliability.
- Minimum oil consumption due to an exclusive formulation of synthetic base oils with low volatility.
- Clutch performance according to JASO MA2 to ensure best wet clutch friction engagement in all riding modes.

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 definitive from the order which is subject to our general conditions of sale and warranty.

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\* Tested on an engine dyno (Suzuki GSX-R 1000 RR with new 300V 4T Road Racing 10W-40 vs. previous version)

\*\* The FZG test evaluates the lubrication and wear protection properties of fluids at the interface of a loaded gear set. The lubricants are then classified according to their "Failure Load Stage" or FLS rating from FLS 1 (very poor result) to FLS 14 (outstanding result).

### RECOMMENDATIONS

Drain interval: Up to 12,000 km, depending on manufacturer's / tuner's recommendations or individual operating conditions. To achieve optimum engine, gearbox and clutch performance, avoid mixing this oil with other synthetic or mineral lubricants.

### PROPERTIES

Color	Visual	Green Fluo
Viscosity grade	SAE J 300	10W-50
Density at 20°C (68°F)	ASTM D1298	0.868
Viscosity at 40°C (104°F)	ASTM D445	103.0 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	17.6 mm <sup>2</sup> /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	5.4 mPa.s
Viscosity Index	ASTM D2270	189.0
Pour point	ASTM D97	-48.0 °C / -54.0 °F
TBN	ASTM D2896	8.4 mg KOH/g
Flash point	ASTM D92	216.0 °C / 421.0 °F

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