

Racing Motorcycle Lubricant
100% Synthetic - *ESTER* Core® Technology

TYPE OF USE

Race bikes fitted with high performance 4 stroke engines, integrated gearbox or not, wet or dry clutch.
Race engines operating over a wide range of temperatures and rpm : Speed bikes, MotoGP, SuperSport, Superbike, uphill, hill climb ...
Other uses: street bikes fitted with catalytic converters, ATV's, UTV's...

PERFORMANCES

STANDARDS Above existing standards

PERFORMANCES JALOS - JASO Wet clutch compatibility checked on JASO T903 test

ESTER Core® TECHNOLOGY

For decades MOTUL has developed high performance synthetic Ester based lubricants.

By selecting esters over other high performance synthetic base stocks and combining them with an innovative additive package, MOTUL has created a perfect synergy.

This most advanced **ESTER** Core® Technology allows maximum power output of the engine without compromising reliability and wear.

- Up to 1.3% horsepower increase while maintaining wet clutch performance.

Outstanding gearbox protection: Thanks to the innovative anti-wear additives package. FZG Gear Test results: Pass FLS>14. The **FZG** (Forschungsstelle für Zahnrad und Getriebebau) Test, evaluates fluid lubricating and wear protection properties at the interface of a loaded set of gears. Lubricants are then graded based on their "Failure Load Stage" or FLS rating from FLS 1 (very poor result) up to FLS 14 (outstanding result).

- Stable oil pressure whatever running conditions.

RECOMMENDATIONS

For optimum engine and gearbox performance, avoid mixing with other synthetic or mineral lubricants.
Oil change: according to your own use.



300V 4T FACTORY LINE 5W-40

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PROPERTIES

Color	Visual	Yellow / Green Fluo
Viscosity grade	SAE J 300	5W-40
Density at 20°C (68°F)	ASTM D1298	0.857
Viscosity at 40°C (104°F)	ASTM D445	73.9 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	13.2 mm²/s
Viscosity Index	ASTM D2270	182.0
Pour point	ASTM D97	-51.0 °C / -49.0 °F
TBN	ASTM D2896	8.3 mg KOH/g
Flash point	ASTM D92	232.0 °C / 460.0 °F