MOTUL 300V OFF ROAD RACING 10W50

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

TYPE OF USE

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

Made for thermally highly stressed 4-stroke racing engines from private track motorcycles to professional race bikes in Motocross, Supercross, Supermoto, Enduro, Cross-Country Rallye, Track and Speedway racing.
Other applications: Street legal Enduros fitted with catalytic converters, ATVs, SxS, personal water craft (PWC), snowmobiles, …

PERFORMANCES

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.

- Best clutch performance (quicker engagement, higher torque transfer) for optimum traction even in difficult terrain such as sand, snow, mud.
- Best lubricity for ultimate engine response and acceleration.
- Excellent engine and gearbox protection when running under extreme off-road conditions
- 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.

* 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).

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.

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: 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	0.86
Viscosity at 40°C (104°F)	ASTM D445	106.0 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	17.8 mm²/s
HTHS viscosity at 150°C (302°F)	ASTM D4741	5.5 mPa.s
Viscosity Index	ASTM D2270	187.0
Pour point	ASTM D97	-45.0 °C / -49.0 °F
TBN	ASTM D2896	8.7 mg KOH/g
Flash point	ASTM D92	222.0 °C / 432.0 °F

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

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