300V HIGH RPM 0W-20

Racing lubricant for Motorsports
100% Synthetic – *ESTER* Core® Technology

TYPE OF USE

All racing gasoline or diesel engines, naturally aspirated or turbocharged fitted with injection (direct / indirect) or carburetted.
For race prepared engines operating over a wide range of rpm and temperatures.

PERFORMANCES

STANDARD:
Above existing Motorsport standards

TYPE OF USE:
Qualifying – Short distance race

The SAE 0W-20 viscosity grade minimizes engine internal friction to allow maximum power output.

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.

ADVANTAGES
The SAE 0W-20 viscosity enables to compensate low engine oil dilution by unburned fuel.
Maximum oil film resistance at very high temperature: Engine wear is reduced.
Friction Modifier: Maximum power output, decrease operating temperature.
Low volatility: Oil consumption is reduced.
High shear stability: Stable oil pressure whatever using conditions.

MOTUL - 119 Bd Félix Faure - 93303 - AUBERVILLIERS CEDEX - BP 94 - Tel: 33 1 48 11 70 00 - Fax: 33 1 48 33 28 79 - www.motul.com

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RECOMMENDATIONS

Uses of SAE 0W-20 viscosity require specific engine design and assembly.

For optimal engine performances avoid mixing with other synthetic or mineral lubricants.

Suitable for alcohol based fuel with shortened drain interval.

Oil Change : Consult your tuning service partner for the appropriate drain interval.

PROPERTIES

Viscosity grade	SAE J 300	0W-20
Density at 20°C (68°F)	ASTM D1298	0.853
Viscosity at 40°C (104°F)	ASTM D445	42.0 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	8.0 mm²/s
HTHS viscosity at 150°C (302°F)	ASTM D4741	2.7 mPa.s
Viscosity Index	ASTM D2270	166.0
Pour point	ASTM D97	-51.0 °C / -60.0 °F
Flash point	ASTM D92	222.0 °C / 432.0 °F
TBN	ASTM D2896	8.0 mg KOH/g

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