



# 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

STANDARDS 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.

## 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.

Oil change: According to your own use.

## PROPERTIES

Viscosity grade	SAE J 300	<b>SAE 0W-20</b>
Density at 20°C (68°F)	ASTM D1298	0.853
Viscosity at 40°C (104°F)	ASTM D445	42 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	8.0 mm <sup>2</sup> /s
Viscosity index	ASTM D2270	166
HTHS viscosity at 150°C (302°F)	ASTM D4741	2.7 mPa.s
Pour point	ASTM D97	-51°C / -59.8°F
Flash point	ASTM D92	222°C / 431.6°F
TBN	ASTM D2896	7.97 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.fr](http://www.motul.fr)

02/12