



MOTUL

300V

JOIN THE PERPETUAL MOVEMENT

MOTUL 300V

A HERITAGE FROM 24 HOURS OF LE MANS PROTOTYPES TO GT CARS

From racing to road cars, one name has been synonymous with success for the last 50 years – Motul 300V. It's a product born out of our never-ending pursuit of perpetual movement. Because on the race track, you simply can't win if you don't finish.

Launched in 1971, and based on ESTER Technology, Motul 300V was the first 100% synthetic lubricant ever produced. It has been developed to help racing teams accomplish maximum performance and reliability out of their engines, the holy grail of motorsport. Its name is a tribute to the 300 racing victories we had achieved by the time of its launch – but Motul 300V has gone on to help countless more motorsport legends to victory.

Over the following decades, we have continuously improved Motul 300V. And our latest ESTER Core Technology transcends time in the ultimate pursuit of speed. It is the apex of half a century of innovation.

Today, Motul 300V continues to propel the world's top teams to podium glory. From 24 Hours of Le Mans to sports cars, MotoGP to rally raids, it has proved itself to be a game changing lubricant in the paddocks of top racing.

Taking everything we've learned from the track, we've since developed Motul 300V into a product for Racing and high-performance cars. Nowadays, car manufacturers and tuners such as Brabus, Ruf and Gibson use Motul 300V for their high-performance vehicles to keep their cars in perfect working order.

Driving us forward is our unwavering passion for performance and our constant pursuit of excellence, both on and off the track.



PERPETUAL MOVEMENT

"It's been more than decade since the former 300V was launched. This era has shown a significant change in engine technology and the higher pressure on the sustainability in the automotive industry.

MOTUL R&D has worked with various factory teams around the world through the last decade to cope with such challenging demand from the new engine technology and sustainability. The new Motul 300V is our answer to the public domain derived from the top tier motorsports technology.

Our ESTER Core Technology was reworked and upgraded to maximize its performance for both power output and engine protection while being compatible with the latest engine technologies. The breakthrough for sustainability has been delivered from the new Organic Base which Motul 300V uses to have a lowered carbon footprint during the manufacturing process. It is our pleasure to bring the new 300V, with the true racing oil technology, to the market."

Julien Plet, Head of R&D at MOTUL*

BUBBLE TAG

Counterfeiting protection ensuring genuine product

ESTER Core Technology

Motul's exclusive technology to ensure above existing standard performances

BIOFUEL, LSPI, AND EXHAUST AFTER TREATMENT COMPATIBILITY

ACCESSIBLE

available in 160 countries

ONLY RACING MOTOR OIL RECOMMENDED BY 24 HOURS OF LE MANS RACE

WIDEST RANGE

Motul offers the industry's widest range of racing/performance lubricants





Motul and motorsport: a relationship that goes back a long way – but one that is constantly moving forward. Take a walk through the paddock of any national, international or grass-roots motorsport event and one name will be familiar. **Motul 300V.** Over the years, we have established many partnerships built on passion and trust. And along the way we have helped incredible teams, drivers and riders claim their rightful spot on the podium.

“Toyota Auto Body and Motul have been in partnership for several years. For all the rallies and particularly for the Dakar, this one being a very complicated race which puts our mechanics to the test. For this, Motul products meet all our requirements, namely: engine lubricants (300V Competition 15W-50), Multi ATF for automatic gearboxes, Gear Competition 75W-140 for differentials and for our brakes which are in high demand we use Motul RBF 700. Our victories are shared with Motul 300V and our Toyota Auto Body team.”

Philippe Challoy, Toyota Auto Body Team Manager



“The Le Mans 24 Hours is regarded as one of the world’s toughest endurance races. In order to compete at the very top, a competitor requires the absolute best in performance, without any compromise in reliability. The team at Motul provides United Autosports with just that; a range of top-quality products for use in all aspects of our racing which ensure both speed and longevity. These products have undoubtedly contributed to our victories in the Le Mans 24 hours race, the FIA World Endurance Championship and the European Le Mans Series in 2020. Thank you, Motul”

Max Gregory, Race Team and Operations Manager at United Autosports



“The oil we use in our LMP2 racing engines is exactly the same oil Motul uses to sell to consumers driving normal road cars. With the LMP1 we developed new technology oils that offer more performance during the 24H of Le Mans. Some of that technology and information is used by Motul for a ‘normal’ oil and helps to improve the end product and the lifecycle.”

John Manchester, Operations Director, Gibson Technology



“We strive to be the best at what we do. And, therefore, we align our partners accordingly. As far as we are concerned, Motul is the best. Our requirement was for a very high performing oil, and that’s what we get with Motul 300V. The Mono is designed for road and track use, so it’s important that the oil performs in every temperature, humidity and environment in each of the 45 countries that we export the car to around the world across four continents. The engine oil, and indeed all of the other lubricants for gearbox, clutch and brakes, is the perfect match for what we do.”

Neill Briggs, Co-founder, BAC



“After having carried out extensive tests with various Motul 300V engine oils on our state-of-the-art test rigs, on testing grounds and on the road, we can highly recommend them. Our engines did not show any measurable signs of wear and tear even under extreme loads. These Motul 300V high-quality lubricants are an integral part of our engine concept.”

Jörn Gander, Head of Technology and Development at Brabus GmbH



HIGH-PERFORMANCE RECOGNITION

MOTUL 300V

TECHNOLOGY BORN ON THE TRACK

At Motul, we believe in perpetual movement. The unremitting quest for perfection. This alone doesn't come from the laboratory. Under our "living laboratory" conditions, the world's race tracks are our development lab. From the high-speed straights of Le Mans to the defiant dunes of Dakar, Motul 300V is continually tested, evaluated and refined in real-world conditions. Only then we can be confident that our lubricants will do what they are designed to do – getting you across the finish line in first. At the heart of Motul 300V is our

ESTER Core Technology, which allows maximum engine power output without compromising reliability. Designed to ensure optimum oil flow at high and low temperatures, as well as protection against wear, oil pressure drop and oxidation, Motul 300V is ideally suited for high-performance track and road cars.

Ester oils can take more abuse at higher temperatures and will provide superior detergency. The latest formulation allows longer hours of use, and outstanding cleaning of the internal engine parts.

Moreover, one of the standout features of **ESTER Core** is its "polarity". This enables the oil film to stick to the metal parts of your engine, reducing friction and providing better protection against wear. The lubricant is also designed to provide the maximum polarity with the minimum level of oil consumption.

Motul's **ESTER Core** Technology is derived from renewable organic sources, reducing its carbon footprint in its manufacturing process.

TEST RESULT MIDORI

300V LE MANS 10W-60
Midori R32 GT-R (RB26DETT)



From 4000 rpm
Consistent power increase
from 3.1% to 4.1%

BMW M3 2011 V8 with
100 000km mileage on dynojet

	OIL	PEAK POWER HP
UP to +10HP vs. COMP	New 300V 10W-60	363.46
UP to +5HP vs. COMP	Current 300V 20W-60	358.41
	Competitor A 10W60	357.70
	Competitor B 10W60	355.50
	Competitor C 10W60	353.22



1/ IMPROVED PERFORMANCE

The new Motul 300V racing oil improves your engine performance by reducing internal friction. This new formulation ensures proven power and torque gains across the whole powerband.

2/ BETTER RELIABILITY

Motul 300V protects your engine without compromising performance, by providing high shear stability for maximum oil film resistance, even in most extreme conditions.

THE BENEFITS OF

MOTUL

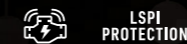
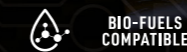
300V

ESTER Core

TECHNOLOGY

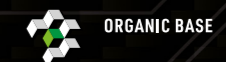
3/ IMPROVED COMPATIBILITY

Motul 300V now fulfills modern engine requirements: compatible with exhaust gas after-treatments such as particulate filters, compatible with biofuels (especially Ethanol) and protects against LSPI (on downsized engines).



4/ MORE SUSTAINABLE

Motul 300V features Organic base oils, using non-fossil renewable materials is limiting the environmental impact and allows Motul to lower its carbon footprint by 25% during manufacturing process.



THE NEW **MOTUL** 300V RANGE

MORE PERFORMANCE.
 MORE RELIABLE.
 MORE COMPATIBLE
 MORE SUSTAINABLE.

These are just some of the benefits of the new Motul 300V range. It is the result of 50 years of continual development. With 5 new viscosity grades – taking the total to 12 – across 3 new series, Motul 300V becomes the biggest racing oil range on the market.



POWER

POWER series features our lightest viscosity grades, available from 0W-8 to 5W-30, brings the maximum power and can cope with engines subject to low oil fuel dilution.



COMPETITION

COMPETITION series features our mid viscosity grades, available from 0W-40 to 15W-50, brings the best compromise between power and reliability, and can cope with engines subject to mid oil fuel dilution.



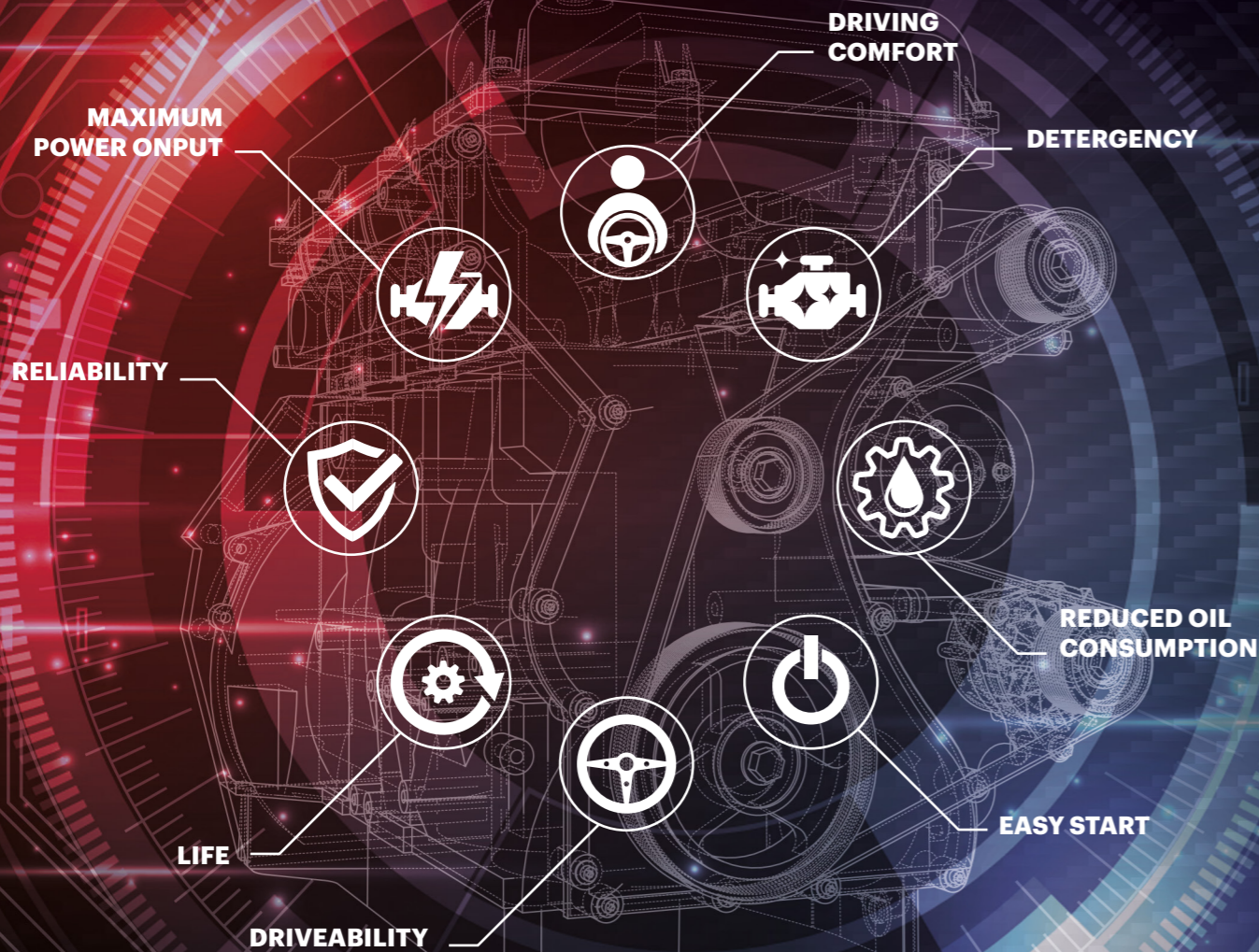
LE MANS

LE MANS series features our high viscosity grades, available from 10W-60 to 20W-60, brings the maximum reliability, and can cope with engines subject to high oil fuel dilution.

MOTUL THE 300V RANGE IN DETAIL

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

The Motul 300V Line includes the latest evolutions of Motul's proprietary **ESTER Core**® Technology to ensure maximum engine power output without compromising reliability and wear protection. Motul has created a perfect synergy formula to increase performance and protection of the engine selecting esters over other high performance synthetic and organic base stocks and combining them with an innovative additive package.



MOTUL 300V POWER SERIES

Application: Engine oil / Standards: Above existing standards / Quality: **ESTER Core**® Technology



MOTUL 300V COMPETITION SERIES

Application: Engine oil / Standards: Above existing standards / Quality: **ESTER Core**® Technology



2h LE MANS MOTUL 300V LE MANS SERIES

Application: Engine oil / Standards: Above existing standards / Quality: **ESTER Core**® Technology



This racing formulation 300V with exclusive **ESTER Core**® Technology features biofuels, particulate filter compatibility and LSPI protection.

BIOFUELS

Compatible with alcohol-based fuels, especially Ethanol (up to E85)

LSPI PROTECTION

Compatible with downsized engines subjected to Low Speed Pre-Ignition issues

PARTICULATE FILTER

Compatible with particulate filter requiring reduced SAPS (Sulfated Ash, Phosphorous, Sulfur) level (SAPS : 0,91% weight and TBN : 8.1 mg KOH/g)

MOTUL 300V



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