



MOTUL 6100 SYNERGIE+ 5W-30

SYNTHETIC BASE

DESCRIPTION

Technosynthese® engine oil specially designed for old generation and recent cars, powered by large displacement engine, naturally aspirated or turbocharged, Diesel or Gasoline, indirect or direct injection, with or without catalytic converter.

Suitable for all type of fuels: Gasoline, Diesel, LPG...

APPLICATIONS

The reinforced synthetic base stock provides very high lubricating power which reduces frictions, decreases volatility and ensures oil film resistance at very high temperatures reached in modern engines.

The ACEA B4 standard requires an outstanding detergent/dispersant power and a better viscosity increase resistance due to soot produced by Direct Injection engines.

The API SL standard is more stringent than API SJ in terms of ageing resistance (average drain interval increased), requires anti-oxidation properties that maintain a constant viscosity avoiding sludge and deposits in the crankcase.

The BMW Long Life-01 specification imposes severe constraints to the lubricant particularly due to the Valvetronic system. It covers all BMW engines from 2001 to 2004 and also all the previous BMW specifications such as BMW LL-98. From 2004 BMW vehicles require a BMW LL-04 product such as MOTUL Specific LL-04 5W-40, 8100 X-clean 5W-40, 8100 X-clean 5W-30, or 8100 X-clean+ 5W-30.

BMW LL-01 standard covers also all Gasoline engines running only outside European Union countries, Switzerland, Norway and Liechtenstein. Refer to BMW recommendations when in doubt.

The MB 229.3 standard is more stringent than the 229.1 in terms of aging resistance (extended drain interval: on board computer) and Fuel Economy performance: 1.2% Fuel Economy improvement compare to a 15W-40 oil reference. The MB 229.3 standard applies for most of MERCEDES Gasoline engines and the majority of MERCEDES Diesel engines without DPF (Diesel Particulate Filter).

RENAULT has developed RN0700 and RN0710 standards for oils able to endure the most severe thermal constrains along with modern after treatment systems compatibility.

The Renault RN0700 standard applies to all Naturally Aspirated Gasoline engines (except Renault Sport) of RENAULT Group (Renault, Dacia, Samsung).

The RN0700 specification applies also to all RENAULT Diesel cars fitted with 1.5L dCi engines without DPF (Diesel Particulate Filter) having less than 100 hp output and 20 000 km or 1 year oil drain interval.

The Renault RN0710 standard applies to all turbocharged Gasoline, Renault Sport and Diesel without DPF engines of RENAULT Group (Renault, Dacia, Samsung).

The RN0710 specification does not apply to RENAULT Diesel cars fitted with 1.5L dCi engines without DPF having less than 100 hp output and 20 000 km or 1 year oil drain interval which specifically require a RN0700 lubricant. For the 2.2L dCi with DPF, use only an approved RN0710 lubricant, not a RN0720.

The VW 502.00 - 505 00 specifications suit all Gasoline engines with fixed maintenance

interval (15,000 km / 1 year) from MY 1996 and all Diesel engines fitted or not with turbo-charger, without unit pump injector, without particulate filter, and with standard maintenance interval 15,000 km / 1 year.

The viscosity grade SAE 5W-30 reduces oil hydrodynamic friction, allowing fuel economy especially when oil is cold. Improves oil flow at start up, faster oil pressure build up, faster rev raisings and faster operating temperature reach.

Environment friendly, this type of oil allows fuel consumption reduction and therefore minimizes greenhouse gases (CO₂) emissions.

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.

Important Notice

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on www.motul.com.

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.