



6100 Synergie+ 10W-40

Gasoline and Diesel engine oil

Technosynthese

TYPE OF USE

Specially designed for powerful and recent cars, powered by large displacement engines, turbo Diesel direct injection, or Gasoline engines with injection and catalytic converter.

Suitable for all types of Gasoline or Diesel engines, using leaded or unleaded gasoline, diesel fuel, and LPG.

Before use always refer to the owner manual or handbook of the vehicle.

PERFORMANCES

STANDARDS ACEA A3 / B4 - API SL / CF

APPROVALS MB-Approval 229.3
VW 502 00 - 505 00
RENAULT **RN0710** under n° RN0710-11-10
RENAULT **RN0700** under n° RN0700-11-14

Worldwide innovation: MOTUL 6100 SYNERGIE+ 10W-40 is the first lubricant in the world to be MB 229.3 approved in 10W-40 viscosity grade.

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).

The ACEA B4 performance requires an outstanding detergent/dispersant capacity and a better viscosity increase resistance due to soot produced by direct injection Diesel engines (except VW unit injector engines that require MOTUL SPECIFIC 505 01 502 00 505 00 5W-40 or MOTUL 8100 X-CLEAN 5W-40).

RENAULT has developed RN0710 and RN0700 standards for oils able to provide a high thermal stability and insure an outstanding resistance at high temperatures.

In general, RN0700 standard applies for all Naturally Aspirated Gasoline engines (except Renault Sport) of RENAULT Group (RENAULT, DACIA and SAMSUNG). The RN0700 standard applies also to all RENAULT vehicles fitted with Diesel engine 1.5 dCi without DPF < 100 HP with oil drain interval of 20 000 km or 1 year. Before use, always refer to the owner manual or handbook of the vehicle.

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 viscosity grade SAE 10W-40 is fully suitable for recent Gasoline and Diesel engines. The reinforced synthetic base stock provides very high lubricating power which reduces frictions decreases the volatility and ensures resistance to very high temperatures reached in modern engines. Anti-oxidation, Anti-wear, Anti-corrosion, Anti-foam properties.

RECOMMENDATIONS

Drain interval: according to manufacturers' recommendations and tune to your own use.

Can be mixed with synthetic or mineral oils.

Before use always refer to the owner manual or handbook of the vehicle.

PROPERTIES

Viscosity grade	SAE J 300	10W-40
Density at 20°C (68°F)	ASTM D1298	0.862
Viscosity at 40°C (104°F)	ASTM D445	100.0 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	15.0 mm ² /s
Viscosity index	ASTM D2270	157
Pour point	ASTM D97	-30°C / -22°F
Flash point	ASTM D92	230°C / 446°F
TBN	ASTM D2896	8.6 mg KOH/g