

**Gasoline and Diesel engine oil  
Technosynthese®****TYPE OF USE**

Technosynthese® synthetic lubricant specially designed for powerful and recent cars, powered by large displacement engine, Gasoline and Diesel, turbocharged or naturally aspirated, direct or indirect injection.  
Suitable for all type of fuels: leaded or unleaded Gasoline, ethanol, LPG, Diesel and biofuels.  
Compatible for catalytic converters.

**PERFORMANCES**

STANDARDS	ACEA A3 / B4 API SERVICE SL / CF
APPROVALS	MERCEDES-BENZ MB-Approval 229.1 H RENAULT RN0700 VW 501 01 505 00
PERFORMANCES	PSA Groupe PSA B71 2300

The ACEA B4 performance requires an outstanding detergent/dispersant power and a better viscosity increase resistance due to soot produced by Direct Injection Diesel engines (except VW unit injector pump engines that require VW 505 01 specification).

The standard API SL 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, anti-wear properties and dispersant power, and fuel economy benefits.

PSA for its B71 2300 norm requires oil to be able to endure the most severe thermal constrains in order to lubricate most of the PEUGEOT, CITROËN and DS Gasoline engines.

RENAULT has developed RN0700 standard 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 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.

The viscosity grade SAE 10W-40 is fully suitable for recent Gasoline and Diesel 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 or if in doubt, 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	0.870
Viscosity at 40°C (104°F)	ASTM D445	101.7 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	14.5 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	151.0
Flash point	ASTM D92	228.0 °C / 442.0 °F
Pour point	ASTM D97	-35.0 °C / -31.0 °F
TBN	ASTM D874	10.1 mg KOH/g