



6100 Synergie+ 5W-40

Gasoline and Diesel engine oil

Technosynthese®

TYPE OF USE

High Performance Technosynthese® lubricant specially designed for powerful and recent cars, powered by large displacement engines, Gasoline or Diesel, turbocharged or naturally aspirated, with indirect or direct injection. Compatible for Gasoline engines fitted with catalytic converters.

Suitable for all types of fuels: leaded or unleaded Gasoline, Ethanol, LPG, Diesel and bio-fuels.

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

PERFORMANCES

STANDARDS	ACEA A3 / B4 API SERVICE SN / CF
APPROVALS	MB-Approval 229.3 VW 502 00 - 505 00
PERFORMANCES	RENAULT RN0710 - RN0700

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

The API SN standard is more stringent than API SM 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.

The MB 229.3 approval is more stringent than 229.1 in terms of ageing resistance (extended drain interval: on-board computer) and requests significant Fuel Economy performance: 1.2% Fuel Economy improvement versus a 15W-40 reference oil.

The VW 502 00 and 505 00 specifications suit all Gasoline engines with fixed drain interval (15,000 km/1 year) from MY1996 and all Diesel engines fitted or not with turbocharger, without unit injector and Diesel Particulate Filter and with standard maintenance interval of 15,000 km/1 year.

Anti-oxidation, Anti-wear, Anti-corrosion, Anti-foam properties.

RECOMMENDATIONS

Drain interval: according to manufacturer's 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	5W-40
Density at 20°C (68°F)	ASTM D1298	0.852
Viscosity at 40°C (104°F)	ASTM D445	85.3 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	14.1 mm ² /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.8 mPa.s
Viscosity index	ASTM D2270	172
Pour point	ASTM D97	-36°C / -33°F
Flash point	ASTM D92	232°C / 450°F
Sulfated ash	ASTM D874	1.09 % weight
TBN	ASTM D2896	10.1 mg KOH/g