



# 6100 Synergie+ 10W-40

Gasoline and Diesel engine oil

Technosynthese

## TYPE OF USE

**Specially designed for powerful and recent cars**, powered by large displacement engine, 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.

## PERFORMANCES

STANDARDS	ACEA A3 / B3 / <b>B4</b>
APPROVALS	API SL / CF
	VW <b>502 00</b> - 505 00
	Mercedes Benz page <b>229.3</b>

**Worldwide innovation** : Motul 6100 Synergie+ 10W-40 is the first lubricant in the world Mb 229.3 approved with 10W-40 viscosity grade.

. \* *The MB 229.3 standard is more stringent than 229.1 in terms of ageing resistance (extended drain interval : computer on board ) and requests fuel economy performance : 1.2% fuel economy improvement versus a 15W-40 reference*

\* *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 engines that require MOTUL Specific 505.01 5W-40)*

SAE 10W-40 viscosity grade 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.

## PROPERTIES

Viscosity grade	SAE J 300	<b>10W-40</b>
Density at 15°C (59°F)	ASTM D1298	0.862
Viscosity at 100°C (212°F)	ASTM D445	15.0 mm <sup>2</sup> /s
Viscosity at 40°C (104°F)	ASTM D445	100.0 mm <sup>2</sup> /s
Viscosity index	ASTM D2270	157
Pour point	ASTM D97	-30°C / -22°F
Flash point	ASTM D92	230°C / 446°F
TBN	ASTM D 2896	8.6 mg KOH/g