repsol lubricants

Motor Oil

MASTER RACING 5W-50

Description

Synthetic lubricant oil specifically designed to cover the needs of high performance engines. MASTER RACING 5W-50 is a result of the experience accumulated by the Repsol racing teams, and its carefully studied formula optimises the resistance to oxidation of the different engine parts, prevents the formation of deposits and favours good performance at low temperatures. It is a perfect lubricant for powerful vehicles used daily in any environment and circumstances.

We voluntarily offset the emissions of MASTER RACING 5W-50 that could not be avoided during its life cycle. To do this, we have used verified credits (1 credit = 1 tonne of CO_2) from nature-based projects. These credits come from nature-based projects that capture CO_2 from the atmosphere, thereby contributing to climate action.

Properties

- Better cold behaviour than other oils of a similar category, as shown by the sludge formation results. This characteristic ensures excellent oil behaviour in urban settings.
- The synthetic nature of its base oils reduces volatility and therefore enables lower consumption of lubricant.
- The excellent results obtained in tests on oxidation, cam wearing and deposit formation in the piston ensure longer engine life under the demanding conditions of use of high-powered vehicles.

Quality levels, approvals and recommendations

- API SN/CF*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			5W-50
Density at 15 ºC	g/cm3	ASTM D4052	0.849
Kinematic viscosity at 40 ºC	cSt	ASTM D445	116
Kinematic viscosity at 100 ºC	cSt	ASTM D445	17.5
CCS Viscosity at -30 ºC	cP	ASTM D5293	‹6,600
Viscosity index	-	ASTM D2270	169
Flash point, open cup	ºC	ASTM D92	›210
Pour point	ºC	ASTM D97	‹-42
Noack volatility, 1h at 250 ºC	% in weight	CEC L-40-93	6.2
Shearing Inj.Bosch: Vis 100 ºC (30 cy)	cSt	CEC L-14-93	›16.3
Sulphated ashes	% in weight	ASTM D874	0.8
TBN	mg KOH/g	ASTM D2896	8.8

The above mentioned characteristics are typical values and should not be considered product specifications.