Motor Oil

ELITE COSMOS A3/B4 5W-30

Description

Long Life synthetic lubricant oil. For its carefully studied viscosity, whether working with the engine cold or hot, at high or low temperatures, the use of this lubricant contributes to reducing wearing on internal engine components and helps reduce fuel consumption. Due to its high quality, it also stands out for its low consumption. It is designed for engines with Common Rail injection systems, variable intake multivalves, valvetronic, turbo-compressors and others. It is important to note that it is not applicable to engines equipped with DPF particle filters. Suitable for petrol and light diesel vehicles.

Properties

• It limits thickening of the oil and formation of waste produced by excess soot, particularly in diesel vehicles.
• Mercedes Benz MB 229.5 engine tests ensure high resistance to oxidation and sludge formation, superior to that of other oils, thus extending the period between oil changes without sacrificing engine cleanliness and life.
• Includes high quality anti-friction additives that provide fuel economy properties of up to 1.7 % compared to other oils under standard M111FE test conditions, without sacrificing high performance engine wear protection.
• Low lubricant consumption as it is formulated using high quality synthetic bases.
Meets the quality levels required by most engine manufacturers for both diesel and petrol vehicles.
• Not applicable to engines with DPF diesel particle filters.

Quality levels, approvals and recommendations

• ACEA A3/B4
• API SL/CF*
• BMW LL-01*
• GM LL-B-025
• MB 226.5/229.5*
• RENAULT RN0700, RN0710*
• VW 502 00/505 00*
*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			5W-30
Density at 15 ºC	g/cm3	ASTM D4052	0.851
Kinematic viscosity at 40 ºC	cSt	ASTM D445	71
Kinematic viscosity at 100 ºC	cSt	ASTM D445	12.1
CCS Viscosity at -30 °C	cP	ASTM D5293	‹ 6.600
HTHS, viscosity at 150 °C	cP	ASTM D5481	›3.5
Viscosity index	-	ASTM D2270	› 160
Flash point, open cup	ºC	ASTM D92	› 200
Pour point	ºC	ASTM D97	-39
Noack volatility, 1h at 250 °C	% in weight	CEC L-40-93	‹ 10
Shearing Inj.Bosch: Vis 100 °C (30 cy)	cSt	CEC L-14-93	› 9.3
TBN	mg KOH/g	ASTM D2896	10

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