LEADER A3/B4 10W-40

Automotive

Description

Multigrade lubricating oil that combines synthetic components with very high quality minerals for use in engines of cars and light commercial vehicles. It combines high resistance to oxidation to optimise the change period, and a viscosity which facilitates vehicle starting, thus reducing wear.

Properties

- Synthetic and minerals based multigrade oil; it can be used in the petrol and diesel engines of most vehicle manufacturers.
- Its outstanding features include resistance to the formation of deposits at high temperatures and of sludge at low temperatures, thus keeping the engine clean and increasing its durability.
- As a lubricant it is resistant to the loss of viscosity that occurs with some multigrade oils during their use. Thus the engine is kept properly lubricated during the entire period that the oil is used.

Quality levels, approvals and recommendations

- ACEA A3/B4
- API SL/CF*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			10W-40
Density at 15 ºC	g/mL	ASTM D 4052	0,87
Viscosity at 100 ºC	cSt	ASTM D 445	13,7
Viscosity at 40 ºC	cSt	ASTM D 445	90
Viscosity at -30 ºC	cP	ASTM D 5293	7000 max.
Viscosity index	-	ASTM D 2270	156
Flash point, open cup	ºC	ASTM D 92	215 min.
Pour point	ºC	ASTM D 97	-39
T.B.N.	mg KOH/g	ASTM D 2896	10,7
Bosch Injector Shearing: Viscosity at 100 ° C after shear	cSt	CEC L-14-93	12,5 min.
Noack volatility, 1 h at 250 ºC	% weight	CEC L-40-93	13 max.

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