

Description

Semi synthetic lubricant with the exclusive 3E Technology formulation, designed to offer the best protection for the engine without compromising on high efficiency. Oil for petrol vehicles. Recommended by a large majority of Asian vehicle manufacturers.

Properties

- Complies with the stringent API SP quality requirements for modern engines that require greater protection against high temperatures.
- Those viscosities are recommended by a broad range of vehicle manufacturers, such as Mazda, Chrysler, Honda, Toyota, Hyundai, Kia, Chevrolet, Nissan, etc.
- 3E Technology (Excellent Engine Efficiency): technology that offers excellent protection of the engine against the formation of deposits at high temperature, greater control of sludge and compatibility with gaskets. This helps to keep the engine cleaner and increases its durability.

Quality levels, approvals and recommendations

- API SP/CF
- ILSAC GF-6A (10W-30)

Technical specifications

	UNIT	METHOD	VALUE	
SAE Grade			10W-30	10W-40
Density at 15 °C	g/mL	ASTM D 4052	0,851	0,8546
Viscosity at 100 °C	cSt	ASTM D 445	10,2	13,32
Viscosity at 40 °C	cSt	ASTM D 445	62	84,94
Viscosity at -25 °C	cP	ASTM D 5293	7000 máx	7000 máx
Viscosity index	-	ASTM D 2270	154	155
Flash point, open cup	°C	ASTM D 92	240	240
Pour point	°C	ASTM D 97	<-27	<-27
T.B.N.	mg KOH/g	ASTM D 2896	6,8	6,8
Bosch Injector Shearing: Viscosity at 100 ° C after shear	cSt	CEC-L-14-93	9,8	12,5
Noack volatility, 1 h at 250 °C	% weight	CEC-L-40-93	< 15	< 15
HTHS, viscosity at 150 °C	cP	CEC-L-36-90	> 2,9	> 3,5

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

