



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 engines that require greater protection against wear and high temperatures, such as vehicles with high mileage or that use autogas (LPG) or natural gas (CNG/VNG) as fuel. Also suitable for petrol or light diesel vehicles without exhaust gas after-treatment systems (DPF).

Properties

- Complies with the stringent API SN quality requirements for modern engines that require greater protection against high temperatures.
- Its high viscosity helps to seal and reduces leaks, thus minimising oil consumption and maintaining the right pressure at any temperature and in all working conditions.
- Thanks to its anti-wear additives, it boosts the protection of the most sensitive parts of the engine.
- 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 to last longer.

Quality levels, approvals and recommendations

• API SN/CF*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			15W-50
Density at 15 °C	g/cm3	ASTM D4052	0.880
Kinematic viscosity at 40 °C	cSt	ASTM D445	142
Kinematic viscosity at 100 °C	cSt	ASTM D445	18.5
CCS Viscosity at -20 °C	cP	ASTM D5293	<7,000
HTHS, viscosity at 150 °C	cP	ASTM D5481	>3.7
Viscosity index	-	ASTM D2270	142
Flash point, open cup	°C	ASTM D92	236
Pour point	°C	ASTM D97	-33
Noack volatility, 1h at 250 °C	% in weight	CEC L-40-93	<15
Shearing Inj.Bosch: Vis 100 °C (30 cy)	cSt	CEC L-14-93	17.5
TBN	mg KOH/g	ASTM D2896	9,2

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