



## LEADER C2 C3 XT1 5W-30

### Description

Synthetic lubricant for passenger cars from most automotive manufacturers. The product is compatible with vehicles fitted with diesel particle filters (DPF). Its reduced ash content formula makes it suitable for exhaust after-treatment technologies, contributing to the conservation of the environment by reducing the emission of harmful particles. Favours reduced fuel consumption under normal driving conditions. Consequently, it contributes to decreasing CO2 emissions and helps conserve the environment.

### Properties

- Recommended for petrol and diesel engines from a wide range of automotive manufacturers.
- Its low-ash content makes it the perfect lubricant to ensure the durability of new emission reduction technologies, such as diesel particle filters (DPF), and contributes to the conservation of the environment to a greater extent than conventional lubricants.
- Limits the formation of deposits and sludge, keeping the engine clean.
- Protects the engine against wear by offering high resistance to oxidation and lubricant film thinning due to shear.
- Its synthetic technology and studied viscosity allow fuel savings of up to 2.5% in comparison to other lubricants under the standardised conditions of test M111FE.

### Quality levels, approvals and recommendations

• MB 229.31\*

• ACEA: C2, C3

\*Formal approval

### Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			5W-30
Density at 15 °C	g/cm3	ASTM D4052	0.851
Viscosity at 100 °C	cSt	ASTM D445	12.0
Viscosity at 40 °C	cSt	ASTM D445	71.3
Viscosity at -30 °C	cP	ASTM D5293	5,720
Viscosity index	-	ASTM D2270	165
Flash point, open cup	°C	ASTM D92	226
Pour point	°C	ASTM D97	<-27
TBN	mg KOH/g	ASTM D2896	6.6
Noack volatility, 1h at 250 °C	% in weight	ASTM D5800	8.1
HTHS, viscosity at 150 °C	cP	CEC L-36-90	3.66

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