

## 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 Common Rail 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

## 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

- API SL/CF\*
- BMW LL-01\*
- GM LL-B-025
- ACEA A3/B4
- VW 502.00/505.00\*
- MB 229.5\*
- RN0700/RN0710\*

\*Formal approval

## Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			5W-30
Density at 15 °C	g/mL	ASTM D 4052	0,852
Viscosity at 100 °C	cSt	ASTM D 445	12.1
Viscosity at 40 °C	cSt	ASTM D 445	71
Viscosity at -30 °C	cP	ASTM D 5293	6600 max.
Viscosity index	-	ASTM D 2270	160 min.
Flash point, open cup	°C	ASTM D 92	200 min.
Pour point	°C	ASTM D 97	-39
T.B.N.	mg KOH/g	ASTM D 2896	10
Bosch Injector Shearing: Viscosity at 100 ° C after shear	cSt	CEC L-14-93	9,3 min.
Noack volatility, 1hr at 250 °C	% weight	CEC L-40-93	10% max.
HTHS, viscosity at 150° C	cP	CEC-L-36-90	>3,5

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