



EVOLUTION LONG LIFE 5W30 ELITE

■ Description

Long-life synthetic lubricant, specially designed for vehicles with exhaust fume processing. It is carefully formulated with low ash content (Mid SAPS), which makes it suitable for the latest technologies in current engines and also helps to protect the environment by reducing harmful particle emissions to a minimum. Furthermore, its synthetic components means that it is a long-life lubricant, that is, a lubricant that allows extended change periods, according to the manufacturer's recommendation. It therefore helps to protect the environment by reducing harmful particle emissions to a minimum and prolonging oil change periods.

■ Properties

- Recommended for petrol and diesel vehicles with or without turbocompressors and which have exhaust fume processing.
- Its synthetic components provide suitable antiwear protection for high-performance engines.
- Low fuel consumption due to its synthetic technology and carefully formulated viscosity.
- Long-life product, enabling oil change periods to be significantly extended without detriment to engine cleanliness.
- Excellent viscosity rating when cold starting; lubricant pumps easily on ignition, which reduces the time necessary for the film to form, thus decreasing wear.
- Its low ash content is necessary for the durability of the new emission reducing technologies such as the diesel particle filter (DPF), thus helping to preserve the environment more than conventional lubricants.

■ Quality level

- API SN/CF
- ACEA A3/B4-04, C3
- MB-Approval 229.51
- BMW LL-04
- VW 502.00 / 505.00 / 505.01
- New GM specification that substitutes GM-LL-A-025 and GM-LL-B-025

■ Technical characteristics

	UNIT	METHOD	VALUE
SAE GRADE			5W30
Density at 15°C	g/cm ³	ASTM D 4052	0.855
Viscosity at 100°C	cSt	ASTM D 445	12.1
Viscosity at 40°C	cSt	ASTM D 445	70
Viscosity at -30°C	cP	ASTM D 5293	6600 max
Viscosity index	-	ASTM D 2270	170
Flash point, open cup	°C	ASTM D 92	215 minimum
Pour point	°C	ASTM D 97	-42
T.B.N.	mg KOH/g	ASTM D 2896	7.7
Bosch Injector Shearing: Viscosity at 100°C after shear	cSt	ASTM D 3945	11.9
Noack volatility, 1hr at 250°C	% in weight	CEC-L-40-93	10% maximum
HTHS, viscosity at 150°C	cP	CEC-L-36-A-90	>3.5

■ Hazard identification

This product is not classified as toxic or hazardous under current legislation.

■ Handling

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

■ Health and safety hazards

Inhalation: As this product has low volatility, the risk of inhalation is minimal.

Ingestion: Do not induce vomiting. Provide water. Seek medical advice.

Contact with the skin: Wash with plenty of soap and water.

Eyes: Wash thoroughly with water.

General measures: Seek medical advice.

■ Fire fighting measures

No special measures required.

Extinguishment: Foams, dry chemicals, CO₂, water spray. Do not apply the jet of water directly as this could cause the product to disperse.

■ Environmental precautions

Danger of physical pollution if spilt (watercourses, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Avoid material getting into water outlets.

Decontamination and cleaning: Treat like an accidental oil spill. Avoid dispersion using mechanical barriers and remove with physical or chemical elements.

A safety information file is available on request.

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Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.

Technical datasheet for Lubricants. Review 5. September 2011.