



ELITE EVOLUTION 5W40

AUTOMOTIVE

Description

Top quality synthetic lubricant oil specially designed for vehicles equipped with exhaust fume treatment systems, such as DPF and FAP particle filters. Its advanced formulation with low ash content (Mid SAPS) 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.

Properties

- Recommended for the petrol and diesel engines of a wide range of vehicle manufacturers
- Tests show excellent engine cleaning and fuel economy, almost 90% higher than the limit required for this grade of viscosity.
- Tested in the most critical wear tests. The results ensure longer engine life and lower maintenance.
- Its low ash content is necessary for the durability of the new emission-reducing technologies such as the diesel particle filter (DPF), thus helping more than conventional lubricants to preserve the environment.

Quality level

- API SL/CF
- ACEA A3/B3-04, A3/B4-04, C3
- MB 229.31
- BMW LL-04
- VW 502.00 / 505.00 / 505.01
- PORSCHE A40
- RENAULT RN0700, RN0710
- FORD WSS-M2C917-A

Technical Characteristics

	UNIT	METHOD	VALUE
SAE GRADE			5W40
Density at 15°C	g/ml	ASTM D 4052	0,853
Viscosity at 100°C	cSt	ASTM D 445	14,5
Viscosity at 40°C	cSt	ASTM D 445	88
Viscosity at -30°C	cP	ASTM D 5293	6600 max
Viscosity rate	-	ASTM D 2270	170
Flash point, open cup	°C	ASTM D 92	215 minimum
Pour point	°C	ASTM D 97	-39
T.B.N.	mg KOH/g	ASTM D 2896	7,5
Bosch Injector Shearing:			
Viscosity at 100°C after shearing	cSt	CEC-L-14-93	12,5 min
Noack volatility, 1hr at 250°C	% in weight	CEC-L-40-93	12% maximum
HTHS, viscosity at 150°C	cP	CEC-L-36-90	>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 splashing.

■ Health and safety hazards

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

Ingestion: Do not induce vomiting. Provide water. Request medical help.

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

Eyes: Wash with plenty of water.

General measures: Request medical help.

■ Firefighting measures

No special measures required.

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

■ Environmental precautions

Danger of physical pollution if spilt (watercourses, coastlines, soils, etc.) due to its buoyancy and oily consistency, which may harm flora and fauna on contact. Prevent material from getting into water outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Avoid dispersion with mechanical safeguards and remove with physical or chemical means.

A safety data file is available on request.

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

Technical data sheet for Lubricants. Review 6 September 2011.