



ELITE INJECTION 10W40

AUTOMOTIVE

Description

Multigrade lubricant oil with synthetic base specially indicated for use in modern car engines, whether petrol or diesel powered, due to its exceptional package of additives. Its thermal stability favours lower product deterioration, thereby optimising oil change periods. Another of its advantages is its high resistance to shearing. Due to its low cold viscosity and high fluidity it also favours engine start-up and effectively protects systems equipped with hydraulic tappets.

Properties

- Suitable for the petrol and diesel engines of most manufacturers that require a no-service, long-life lubricant.
- The presence of synthetic base oils in its compositions and the high stability against shearing allow for minimising wear under all engine use conditions, from cold start-up to the high temperatures reached when driving.
- The engine tests conducted to pass the MB and VW manufacturer's quality levels ensure engine cleanliness and therefore a significant benefit in engine life.

Quality level

- API SL/CF
- ACEA A3/B3, A3/B4
- VW 501.01/505.00
- MB 229.1

Technical Characteristics

	UNIT	METHOD	VALUE
SAE GRADE			10W40
Density at 15°C	g/ml	ASTM D 4052	0,8744
Viscosity at 100°C	cSt	ASTM D 445	14,6
Viscosity at 40°C	cSt	ASTM D 445	96,0
Viscosity at -30°C	cP	ASTM D 5293	7000 max
Viscosity rating	-	ASTM D 2270	140 minimum
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	8,6
Bosch Injector Shearing: Viscosity at 100°C after shearing	cSt	CEC-L-14-93	12.5 minimum
Noack volatility, 1hr at 250°C	% in weight	CEC-L-40-93	13 maximum

■ 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 in order 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. Request medical help.

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

Eyes: Wash with plenty of water.

General measures: Request medical help.

■ Firefighting measures

No special measures required.

Means of extinction: 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 the material from entering water outlets.

Decontamination and cleaning: Treat as an accidental oil spill. Prevent dispersion using mechanical barriers and remove with physical or chemical means.

A safety data sheet is available on request.

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

Technical data sheet for Lubricants. Review 4 May 2011.