



CARTAGO CAJAS FE LD 75W80

TRANSMISSIONS AND GEARBOXES

Description

Synthetic technology lubricant for manual gearboxes. This oil has been specially designed to meet the lubrication requirements laid down by the principal vehicle manufacturers for their manual gearboxes. This product is a high performance lubricant that contributes to fuel savings and enables extended change intervals.

Properties

- Excellent protection against gear and synchroniser wear.
- Long life oil that enables extended drainage intervals of up to 300,000 km.
- It has high loading capacity, minimises losses due to friction and provides maximum efficiency.
- It provides smooth driving when changing gear, and extreme operating temperatures of up to -40° C, thanks to its excellent fluidity at low temperatures.

Quality level

- API GL-4
- ZF TE-ML 02D
- MAN 341 Z-3 / 341 E-3
- Eaton Europe
- Volvo 97305
- DAF
- IVECO
- Renault (B0032/2 Annex 3)

Technical characteristics

	UNIT	METHOD	VALUE
Density at 15°C	g/ml	ASTM D 4052	0.874
Viscosity at 100°C	cSt	ASTM D 445	9.5
Viscosity at 40°C	cSt	ASTM D 445	61
Viscosity at -40°C	cP	ASTM D 2983	< 150000
Viscosity index	-	ASTM D 2270	128
Flash point, open cup	°C	ASTM D 92	232
Pour point	°C	ASTM D 97	-51

■ 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: Given that it is not a particularly volatile product, the risk of inhalation is minimal.

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

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

Eyes: Wash thoroughly with water.

General measures: Seek medical advice.

■ Fire-fighting measures

No special measures required.

Fire-extinguishing measures: 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 (water, 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. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

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.