



CARTAGO FE LD 75W90

TRANSMISSIONS AND GEARBOXES

Description

Synthetic technology lubricant designed for lubricating mainly differentials and some vehicle gearboxes and transmissions. Provides excellent performance in rear axles and shafts of heavy vehicles due to its capacity to withstand heavy loads and its exceptional fluidity at low temperatures. Contributes to fuel saving and enables extended change intervals.

Properties

- It is a very versatile product which is suitable for a wide range of applications in the gear assemblies of heavy vehicles; it can lubricate differentials and gearboxes and transmissions.
- It has excellent oxidation stability, even in extreme conditions, thus making the product more durable, which enables long drainage periods.
- Its excellent fluidity at low temperatures contributes to fuel saving, while providing the viscosity characteristics required for optimum lubrication.
- High anti-wear protection which enhances the durability of the mechanisms.

Quality level

- API GL-4/GL-5/MT1
- MIL-PRF-2105E
- MAN 3343 S (formerly MAN 3343 SL)
- SCANIA STO 1:0
- ZF TE-ML 02B, 05B, 07A, 08, 12B, 16F, 17B, 19C and 21B
- MACK GO-J
- SAE J 2360
- ARVIN MERITOR 0-76-N
- DAF API GL-5 & Transmissions
- IVECO Axles & Transmissions
- RENAULT Axles
- MB-Approval 235.8

Technical characteristics

	UNIT	METHOD	VALUE
Density at 15°C	g/ml	ASTM D 4052	0.871
Viscosity at 100°C	cSt	ASTM D 445	15
Viscosity at 40°C	cSt	ASTM D 445	102
Viscosity at -40°C	cP	ASTM D 2983	<150,000 max
Viscosity index	-	ASTM D 2270	154
Flash point, open cup	°C	ASTM D 92	178
Pour point	°C	ASTM D 97	-54

Available in

185 kg and 18 kg drums and 875 kg container.

■ 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.

Technical data sheet for Lubricants. Review 4. March 2010