



# CARTAGO CAJAS EP 75W90

TRANSMISSIONS AND GEARBOXES

## Description

Extreme Pressure medium multigrade lubricant, with high thermal stability, recommended for the lubrication of manual gearboxes and transmission mechanisms where an API GL-4 level of quality is required. May also be used in public works machines.

## Properties

- Great load bearing capacity and capacity to withstand momentarily high temperatures.
- Very good thermal stability and resistance to ageing.
- Excellent antirust and anti-foam properties.
- Facilitates gear change and synchronisation at low temperatures.
- Shear stability, ensuring the maintenance of viscosities during the period of use.

## Quality level

- API GL-4
- MIL-L-2105
- DAF Transmissions
- IVECO Transmissions
- ZF TE-ML 08/17A

## Technical characteristics

	UNIT	METHOD	VALUE
SAE Grade			75W90
Density at 15°C	g/ml	ASTM D 4052	0.885
Viscosity at 100°C	cSt	ASTM D 445	14.2
Viscosity at 40°C	cSt	ASTM D 445	85
Viscosity at -26°C	cP	ASTM D 2983	150,000 max
Viscosity index	-	ASTM D 2270	165 minimum
Flash point, open cup	°C	ASTM D 92	165 minimum
Pour point	°C	ASTM D 97	-42
FZG, Step 12		DIN 51354	Pass
4 Balls, ICD		ASTM D 2783	45 minimum

## Available in

185 kg and 18 kg drums and 5l plastic container.

## ■ Hazard identification

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

## ■ Handling

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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

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**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

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No special measures required.

**Fire-extinguishing measures:** Foams, dry chemicals, CO<sub>2</sub>, water spray. Do not apply the jet of water directly as this could cause the product to disperse.

## ■ Environmental precautions

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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.