



CARTAGO EP 90

Description

An EP monograde lubricating oil, recommended for use in vehicle differentials/ rear axles or in hypoid or helicoidal transmission groups. It is also suitable for use in change boxes and other gears which work in very severe service conditions.

Qualities

- Great capacity to withstand charges and momentary elevated temperatures. Extreme Pressure (EP).
- Very good resistance to ageing.
- Excellent antioxidant and anti-foam properties.
- Contributes to the elimination of noise.
- Good anti-wearing properties which prolong the useful life of the transmission.
- Water resistency.

Quality Level

- API GL-5
- MB 235.0
- ZF TE ML-05/ML-07/ML-12

Technical Characteristics

	UNITS	METHOD	VALUE
SAE Grade			90
Density at 15°C	g/cm ³	ASTM D 4052	0,9050
Viscosity at 100°C	cSt	ASTM D 445	17,6
Viscosity at 40°C	cSt	ASTM D 445	198
Viscosity index	-	ASTM D 2270	95 min.
Flashing point, open cup	°C	ASTM D 92	190 min.
Freezing point	°C	ASTM D 97	-21
F.Z.G. stage 12, min		DIN 51354	Pass
4 Balls, ICD		ASTM D 2783	50 min.

Available in

185 and 45 Kg. Drums and 5 and 2 litres metallic cans.

Hazard Identification

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

Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

Health and safety hazards

Inhalation: Minimum risk of inhalation as it is a non-volatile product.

Ingestion: Does not provoke vomiting. Drink water. Seek medical assistance.

Contact with Skin: Wash with abundant water and soap.

Eyes: Wash with abundant water.

General measures: Seek medical assistance.

Fire fighting measure

No special measures are required.

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

Environmental precautions

Danger of physical contamination in the case of spillage (water flows, coastal areas, the ground, etc.) due to its floating capacity and oily consistency which may cause damage to fauna and flora with which it comes into contact. Avoid its penetration into water containers or outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and eliminate using both physical and chemical means.

Emergency telephone number. Instituto Nacional de Toxicología 915620420

A safety data file exists.

Unless otherwise specified, the values cited in technical characteristics should be considered as typical.