

CARTAGO EPM 80W, 90 & 140

GEARBOXES AND TRANSMISSIONS

Lubricants



Description

Monograde lubricant oil for manual gearboxes that require quality level API GL-4. Available in different viscosities according to manufacturers' recommendations and temperature at the time of starting the vehicle.

Properties

- Protects gears against moisture, preventing corrosion and increasing transmission life.
- Excellent compatibility with bronze and copper elements of gearbox synchronisers, allowing for smoother gear changes.
- Prevents foam formation, maintaining constant lubrication of all components and preventing the fatigue wear characteristic of gears.
- Approved by most industrial vehicle manufacturers.

Quality levels

- API GL-4
- MB 235.1 (SAE 80W and 90)
- ZF TE-ML 16A/17A/19A (SAE 90)
- DAF Transmissions (SAE 80W and 90)
- RENAULT Transmissions (SAE 80W and 90)
- VW 726 (SAE 80W and 90)
- ZF TE-ML 08/17A (SAE 80W)
- IVECO Transmissions (SAE 80W and 90)

Technical specifications

	UNIT	METHOD	VALUE		
SAE grade			80W	90	140
Density at 15° C	g/cm ³	ASTM D 4052	0.891	0.900	0.909
Viscosity at 100° C	cSt	ASTM D 445	11.0	17.6	26.1
Viscosity at 40° C	cSt	ASTM D 445	98	198	354
Viscosity index	-	ASTM D 2270	95 min.	95 min.	95 min.
Flash point, V/A	°C	ASTM D 92	190	200	220
Pour point	°C	ASTM D 97	-24	-21	-12

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 4. October 2016.