



GEAR EP

LUBRICANTS FOR GEARBOXES

TRANSMISSION RANGE

BVM GEARBOXES
MINERAL
SAE 80W-, 80W-90 and 85W-140

Mineral

Semi-synthetic

100% synthetic

STANDARDS AND SPECIFICATIONS

API GL-4
DAIMLER TRUCK DTFR 13B100 (80W)
ZF TE-ML 02B (80W-90)
ZF TE-ML 17A (80W and 80W-90)

Oxidation resistance



Shear stability



Extreme-pressure level



APPLICATIONS

GEAR EP is an oil suitable for lubricating gearboxes fitted in private passenger vehicles, heavy trucks, farming equipment, and public works and handling equipment.

GEAR EP can be used in medium load axles in accordance with Extreme-Pressure requirements set by manufacturers, and can also be used in speed reducers and in reverse clutches.

BENEFITS

- Good anti-wear and extreme pressure properties
- Multigrade : good lubrication for starting vehicles in cold and warm temperatures
- Compatibility with non-ferrous metals
- Thermal stability and good oxidation resistance
- Anti-foam properties
- Neutral to seals

PERFORMANCES

	GEAR EP 80W-	GEAR EP 80W-90	GEAR EP 85W-140
APPROVALS <i>Approval certificates available on request</i>	ZF TE-ML 17A (ZF000377) DAIMLER TRUCK DTFR 13B100	ZF TE-ML 02B/17A (ZF007161)	
PERFORMANCES LEVELS	API GL-4 ZF TE-ML 19A/21A MB 235.1	API GL-4 MAN 341 Type Z2	API GL-4

7220
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CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA		
			80W-	80W-90	85W-140
SAE grade	-	-	80W-	80W-90	85W-140
Density at 15°C	kg/m ³	NF T 60101	893	885	909
Kinematic viscosity at 40°C	mm ² /s	NF T 60100	91,3	128,9	411
Kinematic viscosity at 100°C	mm ² /s	NF T 60100	10,7	14,5	27.6
Viscosity index	-	NF T 60136	101	113	92
Brookfield viscosity at -12°C	mPa.s	NF T 60152	-	-	115 000
Brookfield viscosity at -26°C	mPa.s	NF T 60152	80 500	74 034	-
Pour point	°C	NF T 60105	-27	-33	-15
Flash point	°C	NF T 60118	230	208	222

The above data are provided on an indicative basis only.

HEALTH, SAFETY AND ENVIRONMENT

Disposal must be carried out in compliance with the rules governing the disposal of used lubricants.

Must be stored away from bad weather conditions.

For further details, our Technical Department is available to assist you.