

GEAR EP

LUBRICANT FOR GEAR
BOXES AND AXLES

210005-210007-210008/01.24

Rev. 4

DESCRIPTION & APPLICATIONS

GEAR EP is suitable when a API GL 4 level is needed and can be used for the axles according to the recommendations of the manufactures.

GEAR EP can also be used for moderately loaded industrial gear transmissions.

Approvals

Gear EP 80W

MB DTFR 13B100

ZF TE-ML05F, 17E, 21F

(ZF000377)

Gear EP 80W90

TE-ML 02B, 1A

(ZF007161)

ADVANTAGES

- No foaming.
- Good fluidity at low temperatures assuring a correct lubrication when starting.

PERFORMANCES

Satisfies to the following specifications:

API GL4

MB 235.1

MAN 341 Type E-1/Z-2

ZF-TE-ML 02B/16A/17A/19A

ZF-TE ML 19C/21A

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal.

When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

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PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA		
SAE grade	-	-	80W85	80W90	85W140
Density at 15°C	kg/m³	NFT 60101	899	900	910
Kinematic viscosity at 40°C	mm²/s (cSt)	NFT 60100	104	142	411
Kinematic viscosity at 100°C	mm²/s (cSt)	NFT 60100	12,5	14,2	27,4
Viscosity Brookfield at -12°C	mPa.s	NFT 60152	-	-	115000
Viscosity Brookfield at -26°C	mPa.s	NFT 60152	130800	115000	-
Viscosity index	-	NFT 60136	104	97	94
Flash point	°C	NFT 60118	197	220	222
Pour point	°C	NFT 60105	-27	-24	-15
Product number	-	-	210005	210008	210007

The average values are given for information only.