

Gear EP 80W90

Lubricant for mechanical transmissions

263508/02.19

Rev. 1

DESCRIPTION & APPLICATIONS

Gear EP oils are suitable for all transmissions requiring a level API GL4. Depending on the requirements of the manufacturer, they may also be used in axles. Gear EP meets the main specifications of lubricants for moderately loaded gear transmissions. There are three viscosities available within the EP Gear family: 80W85, 80W90, 85W140.

The components in the composition of the Gear EP lubricants ensure the following properties:

- Good anti-wear and extreme-pressure properties.
- Thermal stability and good oxidation resistance.
- Good fluidity at low temperature and an optimal lubrication at start.
- No Foaming.

ADVANTAGES

- Allround applicable where API GL-4 gear oil is required.
- Although the "EP krakter" this oil is non-corrosive to yellow metals such as copper, bronze, ...

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

ZF-TE-ML 19B

ZF-TE ML 21A

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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.

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	80W90
Specific gravity at 15°C	kg/m ³	NFT 60101	900
Kinematic viscosity at 40°C	mm ² /s (cSt)	NFT 60100	142
Kinematic viscosity at 100°C	mm ² /s (cSt)	NFT 60100	14,2
Viscosity index	-	NFT 60136	97
Viscosity Brookfield at -26°C	mPa.s	NFT 60152	115000
Flash point	°C	NFT 60118	220
Pour point	°C	NFT 60105	-24

The average values are given for information only.