

GERION LD

SEMI-SYNTHETIC LUBRICANT
FOR EXTENDED OIL CHANGE INTERVALS

210050/01.24

Rev. 8

DESCRIPTION & APPLICATIONS

GERION LD 75W80 has been designed to lubricate all manual gearboxes (HDMO & PCMO) demanding an Extreme-Pressure level of performance API GL4 and an SAE Grade of 75W80, particularly for gearboxes demanding homologation ZF TE-ML 02 L (extended oil change interval of approximately 300.000 km) and gearbox types like ZF 9S-109, ZF 9S-1310.

Approvals

MAN 341 Typ Z4

ZF : TE-ML 01L, 02L, 16K (Registration ZF008404)

ADVANTAGES

- Increased extreme-pressure properties that guarantee good protection of the gear system.
- Excellent fluidity at low temperatures to facilitate gear change from vehicle start up, even in the coldest conditions.
- Compatibility with non-ferrous metals.
- Excellent thermal stability and resistance to oxidation allowing it to be used at the highest temperatures reached by modern transmissions.
- For the correct and durable operation of a robotic manual transmission in severe conditions (traffic jams, rough terrain, harsh climates,..) - we recommend filling in semi-synthetic oils with a viscosity of 75W80 or 75W-90.

PERFORMANCES

Satisfies to the following specifications:

API GL4

DAF

Eaton Extended Drain (300,000 km)

IVECO

MAN 341 Type E-3/Z-3/Z-4

RENAULT (in accordance with RENAULT N.TECHN. B0032/2 ANNEX 3)

Volvo 97305/97307

ZF-TE ML 01L

ZF-TE-ML 02L

ZF-TE ML 16K

GERION LD

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	-	-	75W80
Density at 15°C	kg/m ³	NFT 60101	879
Kinematic viscosity at 40°C	mm ² /s (cSt)	NFT 60100	62
Kinematic viscosity at 100°C	mm ² /s (cSt)	NFT 60100	9,2
Viscosity index	-	NFT 60136	127
Dynamic viscosity at -40°C	mPa.s	ASTM D2983	109400
Flash point	°C	NFT 60118	200
Pour point	°C	NFT 60105	-48

The average values are given for information only.