

# Gear LS 80W90

EXTREME PRESSURE LUBRICANT FOR AUTOBLOCKING AXLES

263525/01.17

Rev. 0

## DESCRIPTION & APPLICATIONS

Gear LS is an oil that was specially developed for the lubrication of bridges with differential lock. This type differentials we mainly found in sports cars, SUVs and machinery and public works. The high-quality mineral base oils and specific additives (including for Limited Slip and very high torque) indicate the Gear LS following features:

- Effectiveness at the highest couples.
- Good anti-wear and extreme-pressure properties. ( "EP" character)
- Rapid lubrication at cold start.
- No sound formation of friction elements.

There are three viscosities available in the Gear LS family: 80W90, 85W90, 85W140.

Gear LS is not suitable for contact with yellow metals (copper, bronze, ...) by its extreme pressure properties ( "EP" character)

## ADVANTAGES

- Protects efficaciously the more severe hypoid torque in all conditions
- Allows efficient working of a friction device immersed in oil

## PERFORMANCES

Satisfies to the following specifications:

API GL5-LS

Ford M2C 118A/118B

KOMATSU KES07.861

MAN 342 M-1

MB 235.0

MIL-L-2105D

MIL-PRF-2105 E

RENAULT

SAE J2360

VOITH 3.325-339

VOLVO 97310/97316

ZF-TE-ML 05C

ZF-TE ML 07A/16B/16C/16D/17B/19B/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
Display order (hidden)			
SAE grade	-	-	80W90
Specific gravity at 15°C	kg/m <sup>3</sup>	ISO 3675	902
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	142
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	NFT 60100	14,2
Viscosity index	-	NFT 60136	102
Flash point (PMCC)	°C	ASTM D 93	216
Pour point	°C	ASTM D97	-27
Product number	-	-	263525

*The average values are given for information only.*