

**A fully synthetic lubricant, specially formulated for gearboxes, gear trains, positraction differentials and limited-slip differentials.**

For highly-loaded transmission systems, with or without a limited-slip differential (4x4).

## PERFORMANCES

### Standards:

API GL-4  
API GL-5 (LS)  
API MT-1

### Specifications:

SAE J2360  
DAF  
MAN M 3343 Type S  
MAN 341 Type E-3  
MAN 341 Typ Z2  
MAN 342 M3  
SCANIA STO 1:0  
IVECO  
MIL-L-20105D  
MIL- PRF- 2105E  
ARVIN MERITOR 0-76-N  
MACK GO-J  
MB 235.8  
ZF TE-ML 02B 05B 12L 12N 16F 17B 19C 21B  
VOLVO 97312

## ORGANISATIONS & MANUFACTURERS - Scope of application -

**API GL-5 LS:** Oils containing friction modifiers, particularly recommended for limited-slip differentials.

## ADVANTAGES

The formulation of SYNTHEGEAR LS is such that it satisfies the TDL (Total Drive Line) concept which allows the same product to be used in gearboxes and axles: without any risk of corrosion, in particular of synchromeshes.

SYNTHEGEAR LS contains a friction modifier for the noise-free and chatter-free operation of positraction and limited-slip differentials.

The presence of synthetic base oil gives the product a much greater resistance to high temperatures without risk of oxidation or of formation of deposits (high degree of cleanliness of the gears) and also offers an excellent resistance of the oil film to shearing.

SYNTHEGEAR LS meets the specifications of the main gearbox and axle manufacturers and is thus compatible with the oil change intervals recommended by the most demanding of them.

Characteristics	Standards	Units	75W-90
Density at 15°C	NFT 60-101	kg/m <sup>3</sup>	870
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	105
Viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	15,5
Viscosity index	NF T 60-136		151
Pour point	ASTM D97	°C	- 42
COC flash point	NF T 60-118	°C	194

*The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.*

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