

High technology, 100% synthetic lubricant for gearboxes and axles.

## PERFORMANCES

### Standards:

API GL-4/GL-5  
API MT-1

### Specifications:

DAF  
MAN M 3343 Type S  
MAN 341 Typ E-3  
MAN 341 Typ Z2  
MAN 342 Typ S1  
MAN 342 M3  
SCANIA STO 1:0  
IVECO  
MIL-PRF-2105E  
ARVIN MERITOR 0-76-N  
MACK GO-J  
Mercedes MB 235.8  
ZF TE-ML 02B 05B 12L 12N 16F 17B 19C 21B  
VOLVO 97312 - SAE J 2360

## ORGANISATIONS & MANUFACTURERS - Scope of application -

**API GL4:** Meets the manual gearbox specification, MIL-L-2105 (obsolete). A level of additives equivalent to 50% of that for the GL-5 class is adequate.

**API GL5:** Forms part of the SAE J2360 specification (formerly MIL-PRF-2105E). Recommended by most automobile and truck manufacturers the world over.

## ADVANTAGES

SYNTHEGEAR is formulated on the basis of a TDL (Total Drive Line) concept, which uses a single product in gearboxes and in axles: (GL-4 and GL-5 - both products) without any risk of corrosion, in particular of synchromeshes.

In addition, the synthetic nature of the base 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 meets the specifications of the main gearbox and axle manufacturers and thus allows the oil change intervals recommended by the harshest among them.

## USES

SYNTHEGEAR is an extreme pressure synthetic oil for gearboxes and axles where automobile manufacturers demand API GL-5 or API GL-4 with very good resistance to high temperatures and heavy loading.

Characteristics	Standards	Units	75W-110
Density at 15°C	NFT 60-101	kg/m <sup>3</sup>	870
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	157
Viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	20.8
Index viscosity	NF T 60-136		156
Pour point	ASTM D97	°C	-45
VO Flash point	NF T 60-118	°C	204

*Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.*

Documentary reference : IV-IGOL005-1512

Date of issue : 07/03/2017