

A high-tech, synthetic-based lubricant for gearboxes and axles.

PERFORMANCES

Standards:
API GL-4/GL-5

Specifications:
MAN 3343 S
ZF TE-ML 02B 05B 12B 16F 17B 19C 21B
Mercedes p.235.8
SCANIA STO 1:0
VOLVO 97312

ADVANTAGES

GEAR SYNTH is formulated based on a TDL (Total Drive Line) concept, which allows the same product to be used in gearboxes and axles: (GL-4 and GL-5 compliant product) without any risk of corrosion, in particular of synchromeshes.

These additives are able to maintain their protective power against phenomena of teeth chipping, seizing and wear, thereby extending component service life.

GEAR SYNTH features good high temperature resistance with no risk of oxidation or deposits (leaving the gears very clean).

USES

GEAR SYNTH is an extreme pressure synthetic oil for lubricating gearboxes and axles where automobile and industrial vehicle manufacturers stipulate API GL-5 or API GL-4, with very good resistance to high temperatures and heavy loads.

GEAR SYNTH meets the specifications of the main gearbox and axle manufacturers, and thus enables the most stringent oil change intervals they recommend.

Characteristics	Standards	Units	Values
Density at 15°C	NFT 60-101	kg/m ³	845
Viscosity at 40°C	ASTM D445	mm ² /s	105
Viscosity at 100°C	ASTM D445	mm ² /s	16.5
Viscosity index	NF T 60-136	-	>170

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.

Document ref.: IV-116-1503
Published: 15/04/2015