

A semi-synthetic gearbox lubricant.

## PERFORMANCES

**Standards:**

API GL-4

## ORGANISATIONS & MANUFACTURERS - Scope of application -

**API GL-4:** Meets the manual gearbox specification, MIL-L-2105 (obsolete). A level of additives equivalent to 50% of that for class GL-5 is generally adequate.

## ADVANTAGES

TRANS GEAR contains a new-generation SP (Sulfur - Phosphorus) additive, which features higher thermal stability than traditional additives.

Furthermore, using partly synthetic oils provides higher resistance against oxidation and deposit formation, even at high temperatures.

TRANS GEAR also features a high corrosion protection level and high compatibility with the elastomers used for seals.

*NB: For gearboxes: be sure to comply with the manufacturer's recommendations; indeed, in certain gearboxes, using API GL5 products instead of API GL4 products may cause abnormal wear on bronze or copper parts (e.g. synchromeshes).*

## USES

TRANS GEAR is a semi-synthetic extreme pressure lubricant aimed at lubricating mechanical gearboxes in current passenger cars, for which the manufacturers recommend an API GL4 product, in particular for protecting synchromeshes.

Characteristics	Methods	Units	75W80W
Colour	Visual	-	Brown
Density at 15°C	NF T 60-101	kg/m <sup>3</sup>	878
Kinematic viscosity at 40°C	NF T 60-100	mm <sup>2</sup> /s	47.8
Kinematic viscosity at 100°C	NF T 60-100	mm <sup>2</sup> /s	8.3
Viscosity index	NF T 60-136	-	151
Brookfield at -40°C	NF T 60-152	mPa.s	103,000
Pour point	NF T 60-105	°C	-39
COC flash point	NF T 60-118	°C	218

*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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