

A special semi-synthetic lubricant for gearboxes and transfer boxes.

**PERFORMANCES**

**Standards:**  
API GL-4 and GL-5

**Specifications:**  
MIL-PRF-2105 E

**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 the GL-5 class is adequate.

**API GL-5:** Forms part of specification SAE J2360 (formerly MIL-PRF-2105E). Recommended by most automobile and truck manufacturers around the world.

**ADVANTAGES**

Derived from IGOL's experience in rally raids, RALLYE GEAR has special additives giving it outstanding extreme pressure properties, enabling it to be used in any mechanical gearbox, including those equipped with copper-based metals (non-corrosive action).

Alongside these exceptional properties, its shear strength, very low viscosity at low temperatures and its very high viscosity index promote easy gear shifting.

In addition, RALLYE GEAR, available in grade 80W-140, contains a friction modifying additive enabling it to be used in limited-slip positraction differentials.

**USES**

RALLYE GEAR is formulated based on a TDL (Total Drive Line) concept, which allows the same product to be used in gearboxes and axles: (GL4 and GL5 compliant product) without any risk of corrosion, in particular of synchromeshes.

RALLYE GEAR possesses the outstanding extreme pressure properties required for gears under heavy loads to operate properly.

For any axles, in particular limited-slip, subject to heavy loads and positraction differentials for grade 80W-140.

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Characteristics	Methods	Units	80W-140
Density at 15°C	NF T 60-101	kg/m <sup>3</sup>	904
Kinematic viscosity at 40°C	NF T 60-100	mm <sup>2</sup> /s	257
Kinematic viscosity at 100°C	NF T 60-100	mm <sup>2</sup> /s	27.9
Viscosity index	NF T 60-136	-	143
Brookfield – 40°C	NF T 60-152	mPa.s	-
Brookfield – 26°C	NF T 60-152	mPa.s	127 000
Pour point	NF T 60-105	°C	- 21
COC flash point	NF T 60-118	°C	>220

*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-01-1503  
Published: 15/01/2018

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