

## Mineral oil.

PRO HMGR has been developed on the basis of a technology with a low ash rate and is intended for HGVs or buses powered by natural gas (LNG) and LPG (Liquefied Petroleum Gas). PRO HMGR provided both excellent protection against oxidation and nitro-oxidation, with high anti-wear and anti-corrosion performances.

## PERFORMANCES

**Specifications :** VOLVO CNG  
 MERCEDES MB p.226.9  
 MAN M3271-1  
**RVI RGD\***  
 Cummins CES 20076/77

\* **Approved quality.** Use recommended under manufacturers' warranties.

## ORGANISATIONS & MANUFACTURERS - Scope of application -

**VOLVO CNG:** For Volvo CNG gas engine.

**MERCEDES MB p.226.9:** For Mercedes-Benz CNG gas engine.

**MAN M3271-1:** For MAN engine running with MAN CNG natural gas.

**RVI RGD:** For Renault engine running with natural gas.

Characteristics	Standards	Units	Values
Density at 15°C	NFT 60-101	Kg/m <sup>3</sup>	887
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	104.5
Viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	14.5
Index viscosity	NF T 60-136	-	143
HTHS @ 150°C	ASTM D4683	mPa.s	3.7
Pour point	ASTM D97	°C	-24
Sulfated ashes	ASTM D874	%	0,98
CCS @ -20°C	ASTM D5293	mPa.s	6 540
TBN	ASTM D2896	mg KOH/g	7.1
Noack Volatility	ASTM D5800	density %	10.1

*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.*

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Technical data sheet