

## Product Name

**H-Go Heavy-Duty Long-life OAT Nitrite-Free Antifreeze**

## Available Formats

Formats	Product codes
3.78L	6000857316 (case de 4)
208L	6000857308
1250L	6000857000 (bulk)

## Introduction

This product contains inhibited ethylene glycol. H-Go Heavy-Duty Long-life OAT Nitrite-Free Antifreeze meets the performance requirements of cooling systems for both cars and heavy vehicles. It can be used in vehicles using an engine of the diesel, gasoline or natural gas type.

H-Go Heavy-Duty Long-life OAT Nitrite-Free Antifreeze is compatible with other OEM coolants, and similarly formulated aftermarket organic acid technology (OAT), nitrite organic acid technology (NOAT) and nitrite molybdate organic acid technology (NMOAT) coolants.

This product is ready to use and does not require any additional additive, thanks to high-performance Supplemental Coolant Additives (SCAs) added to it. The SCAs do not contain nitrite, amine, phosphate and silicate (NAPS-Free) enabling enhanced corrosion protection for all engine components, including those made of aluminum.

## Characteristics

The formulation of this antifreeze meets or exceeds the required performance according to specifications :

- ASTM D-3306, ASTM D-4985, ASTM D-6210  
ASTM D-7583;
- CAT ELC (EC-1);
- Cummins 90T8-4;
- Detroit Diesel 93K217;
- Freightliner 48-22880;
- GM 1825/1899M/6277M;
- SAE J1034/J1038;
- TMC RP329;
- PACCAR;
- Mercedes-Ben
- MTU;
- International;
- John Deere;
- Mack Truck;
- Ford;



- John Deere H24A2 and H24C2;
- Phosphate-free requirements of Europeans OEM;
- Kenworth;
- Volvo;
- Scania;
- Silicate-free requirements of Japanese OEM.
- Peterbilt
- MAN;

Following test has been conducted and successfully pass

- ASTM D6210
- ASTM D3306
- TMC RP-329
- CID A-A 52 624A
- John Deer Cavitation test
- DDC 93K217 Elastomer
- Detroit Diesel 93K217

## Instructions for Use

In order to ensure optimal antifreeze performance, you are advised to conduct the following checks:

- Follow regular maintenance requirements from OEM and engine manufacturing.



## Data Sheet

- After 1 600 000 km, 8 years, 20 000 hours whichever comes first;
- Drain and clean the cooling system;
- Refill with new antifreeze.

The product's characteristic properties should not be interpreted as specifications. As the conditions in which it is used are not under the control of Harnois Énergies, the latter is unable to guarantee the results of its use, either implicitly or explicitly.

### Health and Safety

Ethylene glycol is the main component of H-Go Heavy-Duty Long-life OAT Nitrite-Free Antifreeze, and the latter is toxic to humans and animals if ingested. This product must be kept in a hermetically closed container and a detailed warning must appear on the container. Make certain that the product is beyond the reach of children.

To obtain more health safety information on this product, contact Harnois Énergies to receive a Material Safety Data Sheet.

NOTICE: No exemption from the patent rights of the SELLER or of other parties may be assumed. As the conditions of use and the applicable laws differ from one place to another and can change over time, the CUSTOMER is responsible for determining whether the information contained in the present data sheet and the products described in it are suitable for the CUSTOMER's use, and for ensuring that workplaces and product disposal practices comply with the applicable laws and other governmental regulations. The SELLER assumes no responsibility or obligation with regard to the information contained herein.

NO GUARANTEE IS GRANTED; ALL IMPLIED GUARANTEES OF MARKETABLE QUALITY AND SUITABILITY FOR A PARTICULAR USE ARE EXPRESSLY EXCLUDED.

### Environmental Aspects

This antifreeze should not be poured into the sewers. When the antifreeze has been used up, it must be disposed of at a center authorized for this purpose. In the event of a spill, please follow current regulations and protect the environment.

### Characteristic Properties vs. Concentration

#### **HGO** Heavy-Duty Long-life OAT Nitrite-Free Antifreeze

Properties <sup>1</sup>	Concentration	Ready to use - 50/50
Ethylene glycol	89%	45%
Performance additives and water	11%	55%
Appearance	Liquid, clear, yellow	Liquid, clear, yellow
Relative density (15/15 °C, 60/60 °F)	1.109 – 1.139	1.063 – 1.093
pH 50% glycol	8.0 – 9.0	8.0 – 9.0
Reserve alkalinity (min.)	12	6
Maximum freezing point (at 50%)	-13 °C / -9 °F	-37 °C / -34 °F

<sup>1</sup>Concentrate based on the volume of ethylene glycol. Mixtures based on the volume of the cooling liquid for H-Go Heavy-Duty Long-life OAT Nitrite-Free.