



# ENOC EN-COOL HEAVYDUTY NM COOLANT

## PRODUCT DESCRIPTION

**ENOC EN-COOL HEAVYDUTY NM** is a high performance long-life coolant that is based on advanced hybrid technology of organic acids and inorganic salts required for heavy duty diesel engines with wet liners.

It's an exclusive formulation based on a unique blend of Nitrite & Molybdate with organic acids giving protection against liner pitting & providing long life performance. **EN-COOL HEAVYDUTY NM** ensures long term protection against corrosion for all metallic surfaces (ferrous and nonferrous) that form part of the engine cooling system.

## APPLICATIONS

- ◆ Specified for cooling systems in diesel engines with wet liner protection
- ◆ Provides efficient heat transfer as demanded in power generation engines
- ◆ Provides excellent protection against corrosion and cavitation.

## PERFORMANCE SPECIFICATIONS

**EN-COOL HEAVYDUTY NM (50% mixture only)** meets the performance requirements of the following Original Equipment Manufacturers and International Standards:

- Caterpillar EC-1
- Detroit Series 60 and DD15 Engines (SVC BRO 0002)
- ASTM D3306, ASTM D6210
- TMC RP 329, TMC RP 302A, TMC RP 338

## BENEFITS

### EN-COOL HEAVYDUTY NM provides:

- ◆ Excellent engine cooling system protection against corrosion in heavy duty diesel engines.
- ◆ A high performance against corrosion using exclusive organic additive package
- ◆ Stays effective over extended periods in heavy duty diesel engine cooling systems..
- ◆ Effective protection against cavitation and erosion

**Note - First Time Fill:** It is strongly recommended that the system is thoroughly flushed before filling with **EN-COOL HEAVYDUTY NM** to gain maximum performance.

Technical Data*		
<b>EN-COOL HEAVYDUTY NM COOLANT</b>	<b>50</b>	<b>100</b>
Density at 20 °C kg/m <sup>3</sup> , ASTM D 1122	1.075	1.115
pH value ASTM D1287	8.71	8.49
Freezing Protection, °C ASTM D3321	-37	ND
Equilibrium Reflux Boiling Point, °C ASTM D 1120	108	165
Inorganic inhibitor content Nitrite (50%)	500 ppm	N/A
Inorganic inhibitor content Molybdate (50%)	510 ppm	N/A
Organic Inhibitor (Carboxylate)	Present	Present
Colour	Red	Red
Product Code	223037	223036

\*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

### HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENOC Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.