



# COOLYX ELC-N

Extended life pre-mixed coolant, antifreeze and corrosion inhibitor

## Product Overview

COOLYX ELC-N is an advanced nitrated Organic Acid Technology (OAT) coolant which uses organic acid inhibitors to provide guaranteed protection for all cooling system metals.

COOLYX ELC-N is phosphate-free, silicate-free, borate-free and amine-free. It is designed to provide exceptional protection for all cooling system components in on-road, off-road and stationary engine applications.

COOLYX ELC-N is formulated with organic corrosion inhibitors, called carboxylates, to provide effective long-term wet sleeve liner cavitation and corrosion protection of all cooling system components. It contains nitrite and molybdate for added protection against cavitation and erosion.

## Benefits

- Eliminates the need for Supplemental Coolant Additives (SCAs) and chemically charged filters, and the need for corrosion-inhibitor testing
- Excellent hot surface aluminium protection. Outstanding protection against corrosion and cavitation
- Can accept up to 25% mixing with other coolants or water, with no detrimental effect to corrosion protection or reducing the extended life properties
- Fully compatible with other Organic Acid (OAT) heavy-duty extended life coolants
- Non-abrasive formula can improve water pump seal life
- Excellent heat transfer for high temperature applications such as engines with EGR and SCR systems

## Applications

- Recommended for use in heavy-duty vehicles and stationary equipment, regardless of fuel type
- Meets the Phosphate-free requirements of European OEMs
- Meets the Silicate-free requirements of Japanese OEMs

## Health and Safety

This lubricant is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet. MSDS are available upon request through your sales advisor.

When disposing of used oil, please observe all current regulations and protect the environment.

**COOLYC ELC-N**

**Meets or exceeds the following industry Specifications**

ASTM D3306, D6210, D4340	✓
TMC RP329	✓
Caterpillar EC-1	✓
KOMATSU	✓
CUMMINS CES 14603	✓
FREIGHTLINER	✓
GM	✓
VOLVO / MACK	✓
NAVISTAR	✓
JL CASE	✓
WAUKESHA	✓
JOHN DEERE H24A1, H24C1	✓
FORD	✓

**Typical properties**

Test parameters	Method	
Appearance	-	Clear liquid
Color	-	Red-pink
Density 15°C, kg/m3	ASTM D 5931	1068
Freezing point, °C	ASTM D 3321	-37
pH	ASTM D 1287	8.2-9.0
Amine, Phosphate, Borate content	-	Nil
Silicate content, as Na <sub>2</sub> SiO <sub>3</sub>	-	Nil

Above characteristics are mean values given as information. They do not constitute a specification.