

# **CT - 2040**

## **Closed Systems Corrosion Inhibitor & Antifreeze**

### **Introduction**

**CT-2040** is a liquid concentrated corrosion inhibitor based on nitrite and borate

**CT-2040** contains poly-glycol derivative as antifreeze.

It can be used for closed cooling systems and chilled water circuits using distilled or fresh water.

**CT-2040** is effective even when oxygen (air) may be entrained in the circulating water.

**CT-2040** is suitable for most metals including copper and aluminum.

**CT-2040** creates a microfilm on metal surfaces.

**CT-2040** contains fluorescent dye for leak tracing.

**CT-2040** can be used as antifreeze

### **Physical Properties**

Appearance.....	Clear, green florescent liquid
S.G.....	1 ± 0.05
PH.....	9 – 10
Flash Point.....	Nonflammable
Odor.....	Odorless
Solubility.....	Completely soluble

### **Applications**

- Internal combustion engine and compressor cooling water systems.
- Transformer cooling water systems.
- Small chilled water systems:
  - Hot water systems.
  - Ice melting water systems.

### **Safety and Handling**

Avoid contact with skin, eyes, mucous membranes and open wounds. In case of an accidental contact, flush thoroughly with plenty of water.

### **Storage**

**CT-2040** is a toxic oxidizing agent, must be kept away from foodstuff, acids and flammable materials. Do not expose to high temperature

**Packing**

CT-2040 is available in 25 kg plastic containers

**Analytical Method**

Standard test method for nitrite in water (range 1000-3000 )