



## **CO-390 Corrosion and Scale inhibitor for closed cooling sys.**

Items	Specifications
Form	Liquid
Color	Clear, Colorless
PH value $\leq$	11-12
Specific gravity (20°) $\text{g/cm}^3 \geq$	1.05-1.15
Solubility	Completely miscible
Odor	Odorless

### **General Specifications**

**CO-390** is a superior blend of multi-metal corrosion inhibitors for closed loop system containing chiller or hot water. It prevents corrosion or rusting of metal by forming a passive coating of protective oxide film on steel.

**CO-390** also contains a special yellow metal (copper) corrosion inhibitor, that protects copper and its alloys such as cupro-nickel, brass etc., from corrosion.

In case of hardness ingress **CO-390** prevents scaling and deposition of calcium and magnesium hardness and iron deposits. Thus keeping the heat exchange at best efficiency.

### **Key Features and Benefits**

- Multi-metal corrosion protection
- Saves power more than 30%
- Non-foaming
- Enhances cooling efficiency
- Leakage and burst protection
- No descaling of Heat exchangers

### **Application and Dosage**

**CO-390** is a nitrite based system corrosion inhibitor program and should be added directly to the system in its neat form or diluted with clean, soft water to give a desired nitrite level. It can be dosed directly to the make up tank or with metered injection dosing pump into the closed circuit. The nitrite level varies from 300-600 ppm (as NO<sub>2</sub>) depending upon the application.

### **Packing**

**CO-390** is available in 60/200 kgs HDPE jars and barrels.

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