



CO-345 Corrosion and Scale inhibitor for Open Cooling sys.

Items	Specifications
Form	Liquid
Color	Pale brown color
PH value \leq	0.5-2
Specific gravity (20°) $\text{g/cm}^3 \geq$	1.15-1.30
Composition	Zinc-phosphonate
Water solubility	Soluble

General Specifications

CO-345 is a zinc-phosphonate based corrosion and scale inhibitor for open cooling water system.

CO-345 is a liquid compound that provides instant protection to ferrous equipments in open-recalculating cooling water systems. The compound has an in build threshold scale inhibitor that prevents precipitation of phosphate, carbonate, and sulfate salts of calcium, magnesium and sodium.

CO-345 has an organic dispersant to the dispersant keeps suspended matter such as silt, metal oxide etc. in dispersed condition to avoid deposition in heat exchangers and allowing this to discharge through blow down.

Key Features and Benefits

- Superior ferrous corrosion protection
- Compatible with other chemicals
- Controls silt, clay and iron oxide deposits
- Chlorine compatible
- Super threshold scale inhibitor

Application and Dosage

The Target dosage range for **CO-345** is **0.5 - 2 ppm** as Zn^{+2} in the recirculating cooling water.

Dosage Strategy

CO-345 should be fed neat or as part of an appropriate mix to the cooling water system where it can be uniformly mixed and thoroughly distributed using a chemical metering pump.

Packing

CO-345 is available in 200 kgs HDPE jars and barrels.

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