



## CO-310

## Zinc Stabilizer and Iron Dispersant

Items	Specifications
Form	Liquid
Color	Clear, Colorless
PH value ≤	2.0-4.0
Specific gravity (20°) g/cm <sup>3</sup> ≥	1.05-1.15
Freezing point	-4 °c
Odor	Slight

### General specifications

**CO-310** is an exceptional dispersant, especially for dispersing both dried and hydrated iron oxide, hydroxyapatite and calcium carbonate. It is also an excellent stabilizer for corrosion inhibitors such as phosphate, phosphonates and zinc.

### Application and dosage

- Dispersant and stabilizer that can be used in cooling water programs

**CO-310** excels in harsh cooling water conditions, such as extremely high or low Ryznar Indexes, high iron concentrations, high levels of zinc or phosphate added as treatment to the system. **CO-310** is particularly recommended in advanced all-organic programs. The product can maintain excellent heat transfer by its exceptional dispersancy and, in addition, will help corrosion inhibition by controlling film formation of the organic corrosion inhibitors onto metal surfaces.

- Control of boiler sludge

**CO-310** is the product of choice for boiler water treatment formulations as it provides unsurpassed control of boiler sludge. The polymer makes it possible to easily transport iron with calcium and phosphate containing sludges for removal during blowdown. Superior iron oxide dispersant, **CO-310** is particularly recommended to control hydrated iron oxide in condensate return line.

### Packing

**CO-310** is available in 200 kgs HDPE jars and barrels.

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