

## **CWT-308**

### **COOLING WATER INHIBITOR**

#### **DESCRIPTION:**

CWT-308 is a complete, environmentally acceptable treatment for scale and corrosion control in open recirculating cooling water systems. CWT-308 contains anionic polymers and acrylates that inhibit scale formation by sequestering polyvalent metal ions and inducing crystal distortions that weaken intercrystal bonds that hold deposits together. CWT-308 also offers corrosion protection to both ferrous and non-ferrous surfaces by forming a strong insoluble protective layer on wetted surfaces. The resulting layer is a mechanical and electrochemical barrier against corrosive attack.

#### **GENERAL APPLICATIONS:**

Average maintenance dosage requirement is approximately one pint per 1,000 gallons of bleed. Dosage requirements will vary depending upon water quality and system operating conditions. For optimum results, the recommendations of your KML Technical Representative should be followed.

#### **ADVANTAGES:**

- Formulated without toxic chromates of heavy metals, eliminating their disposal problems
- Provides both ferrous and yellow metal corrosion inhibition
- Disperse silt, mud and dirt, reducing possibility of under deposit corrosion
- Effective and stable over a wide range of temperatures and pH
- Simple control test

#### **Typical Product Characteristics**

Appearance .....Light yellow liquid  
Density at 25°C .....1.10 - 1.13 g/ml  
Weight per US gallon .....9.3 lbs./gal  
pH of product .....> 12.5

#### **SAFETY & HANDLING:**

Improper handling of this product can be injurious to workers. Observe all safety precautions shown on the label and in the Material Safety Data Sheet. Wear proper protective equipment listed on the MSDS. Follow the instructions of your KML Representative in the proper use of this product.

#### **PACKAGING:**

CWT-308 is available in non-returnable, DOT approved 55, 30, and 15 gallon plastic drums and in 5 gallon pails.