



CLOSED LOOP TREATMENT CS-1000

DESCRIPTION

CS-1000 is a concentrated aqueous blend of organic corrosion inhibitors selected to provide maximum protection for ferrous and nonferrous metals.

APPLICATION

CS-1000 is used in closed water systems including chilled water, hot water, and diesel engine jacket water systems. It is formulated to rapidly establish and maintain a corrosion inhibition film on clean metal surfaces. Rubber and other nonmetallic materials are not adversely affected by CS-1000.

PHYSICAL PROPERTIES

Color & Form Light red liquid
Specific Gravity..... 1.172
Density..... 9.77 lbs./gal.
pH 11.4
Odor..... Slightly pungent, organic

DOSAGE & FEEDING

INITIAL: Add one gallon (9.8 pounds) of CS-1000 for each 100 gallons of water in the system to be treated.

CONTINUING: Subsequent additions of CS-1000 are governed by the "M" alkalinity of the treated water and depend on the amount of water leakage from the system. When the "M" alkalinity of the treated water drops to 1,000 ppm in excess of the makeup water "M" alkalinity, add one quart (2.5 pounds) of

CS-1000 for each 100 gallons of water in the system.

Add the required quantity of CS-1000 to the system using a by-pass feeder. This can be installed at any convenient location in the system.

Additional treatment will usually be needed only once or twice per year.

NOTE: New installations should be free of oil, grease, dirt, etc., prior to charging with CS-1000. CL-83 is a proven cleaner specifically formulated for this purpose.

HANDLING & PRECAUTIONS

CS-1000 does not deteriorate with age. It is an alkaline formulation and should be handled as such.

Avoid eye and skin contact. Flush affected areas with large quantities of water. Obtain medical attention for eyes. Refer to *Material Safety Data Sheet* for additional safe handling information.

PACKAGING

CS-1000 liquid is available in:

5-gallon pails net wt. 45 lbs.
30-gallon drums net wt. 290 lbs.
55-gallon drums net wt. 550 lbs.