



# Product Data Sheet

## CLOSED LOOP TREATMENT

### LT-2010

#### DESCRIPTION

LT-2010 is a concentrated liquid nitrite/borate based corrosion inhibitor to provide maximum protection for ferrous and nonferrous metals in closed loop cooling water systems.

#### APPLICATION

LT-2010 is used in closed water systems including chilled water and hot water systems. LT-2010 is most ideally suited for use in large volume systems, such as thermal storage systems, since it is a concentrated product. It is formulated to rapidly establish and maintain a corrosion inhibition film on clean metal surfaces. LT-2010 does not adversely affect rubber and other nonmetallic materials.

#### PHYSICAL PROPERTIES

Color & Form.....Clear, light yellow liquid  
Specific Gravity ..... 1.236  
Density ..... 10.3 lbs./gal.  
pH..... 12.74  
Odor .....Musty

#### DOSAGE & FEEDING

INITIAL: Add one gallon (10.3 pounds) of LT-2010 for each 500 gallons of water in the system to be treated. This will

provide 800 ppm nitrite as sodium nitrite in the system.

CONTINUING: Subsequent additions of LT-2010 are governed by measuring the nitrite residual in the system and adding sufficient product to achieve the desired nitrite residual.

Add the required quantity of LT-2010 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 LT-2010. ST-5500 is a proven cleaner specifically formulated for this purpose.

#### HANDLING & PRECAUTIONS

LT-2010 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

LT-2010 liquid is packaged in:  
5-gallon pails .....net wt. 50 lbs.  
30-gallon drums .....net wt. 305 lbs.  
55-gallon drums .....net wt. 580 lbs.