

## PRODUCT DATA SHEET – GlycoHib I-50

### PRODUCT #

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197010

### SYNONYMS

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GLYCOHIB™ I-50 PREMIUM HYDRONIC SYSTEM CORROSION INHIBITOR

### PRODUCT DESCRIPTION

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GlycoHib I-50 is a liquid corrosion inhibitor for Closed Loop Hot & Chilled Water Systems.

### PACKAGING AND SHIPPING

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Available in 5 Gallon Carboys, 55 Gallon Drums, and bulk.

### CERTIFICATIONS

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GlycoHib+™ I-50 HTF System Inhibitor exceeds the ASTM D 1384 standard, which is the accepted industry standard for multi-metal corrosion testing for steel, cast iron, copper, brass, aluminum and solder.

### CHEMICAL ANALYSIS

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#### *Chemical Analysis*

Color (as-is)

Specific Gravity, 60°F/15.6°C (as-is)

pH, 100% solution

Nitrite (use level)

Color Indicator

#### *Typical Specifications*

Dark Red

1.17 ± .005

12 ± .2

1000.0 min.

< 8.3 Colorless

> 8.3 Pink to Dark Red

### APPLICATIONS

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GlycoHib I-50 HTF System Inhibitor is a premium liquid corrosion inhibitor for use in closed loop, hot and chilled water systems containing water, ethyl alcohol, propylene glycol and/or ethylene glycol based heat transfer fluids. (cont.)

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### APPLICATIONS

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GlycoHib I-50 HTF System Inhibitor contains a multi-component inhibitor that controls corrosion of ferrous and non-ferrous metals, multiple buffers to maintain the pH in the optimum operating range, an oxygen scavenger to reduce the risk of fluid degradation, a polymer for suspending insoluble contaminants and a color indicator for quick visual inspection. GlycoHib I-50 HTF System Inhibitor is compatible with most plastics, elastomers and types of rubber, however it is not recommended for use in aluminum boilers.

GlycoHib I-50 HTF System Inhibitor should be used as-is and fed into the system using a pot feeder, injection pump or chemical proportion pump. Initial dosage should be at a rate of 1 gallon per 200 gallons of system volume. Subsequent dosage is dependent upon make-up water requirements. GlycoHib I-50 HTF System Inhibitor is not recommended for use in applications where contact with food could occur.

When adding water to closed loop systems, we recommend the use of deionized or distilled water for dilution. It is recommended that water with no more than 100 ppm total hardness be used to dilute concentrate or as make-up water for systems. Chlorides and sulfates should be limited to levels no greater than 25 ppm.