OXISHIELD CORROSION INHIBITOR

STOPS CORROSION, OXIDATION AND SCALE BUILD-UP.

INSTRUCTIONS

OXISHIELD CORROSION INHIBITOR is specifically designed to control corrosion in systems circulating fluid to industrial machines. OxiShield is very effective as a corrosion inhibitor where copper, aluminum, tin, ferrous metals, lead and/or brass and other yellow metals are present in a closed circuit heating/cooling system. It prevents galvanic action from occurring if some or all of the above dissimilar metals are in the system. It also prevents oxidation or rusting of the ferrous metals in the system.

Filters must be used in systems with OxiShield, especially on existing systems where scale and/or other corrosion contaminants have built up. OxiShield will free and clean off some or all of this scale and/or corrosion. Install filters on the **return** side of the system to protect pumps, seals and other components! OxiShield is normally used diluted 10:1. It is suggested, but not necessary that deionized or distilled water be used with OxiShield. OxiShield is also effective as a corrosion inhibitor in water or uninhibited glycol solutions.

Instructions for New Systems or "First Time Use"

1. Flush cooling circuit with water. (Distilled if possible.)
2. Fill cooling system with water leaving 5% volume for OxiShield. Calculate system capacity/volume in gallons.
3. Add OxiShield to the water. (Example: 1 gallon of OxiShield to 20 gallons of water for first "coating cycle")
4. Circulate this solution for about 30 minutes.
5. Drain* fluid **DO NOT RINSE SYSTEM!**
6. Fill cooling system with water leaving 10% volume for OxiShield.
7. Add OxiShield to the water. (Example: 1 gallon of OxiShield to 10 gallons of water.)
8. Change fluid as directed further on in the instructions.

HOW AND WHEN DO I CHECK THE OXISHIELD SOLUTION?

During the first 4 weeks it is best to check the system weekly, if not more often, for CLARITY. This can be done by taking a small sample of the fluid and holding it up to the light to make sure there are no precipitates (solids) in the solution. If any precipitates (or cloudy solution) are found, the solution should be drained following the Instructions, after first time use.

The solution should also be tested for pH level using a pH test kit or litmus paper. The pH should not fall below pH=9. If the pH=9 or less, drain the system and follow the directions for after first time use of OxiShield.

NOTE: Corrosion inhibition is serious business!
If after one year your solution is still clear and the pH=9 or above, we recommend that the fluid still be changed out. The clarity and pH tests are to be used as guidelines for solutions which need to be changed before the specified one year time period.

— continued —

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WHEN DO I CHANGE THE OXISHIELD SOLUTION?

PPE recommends changing the OXISHIELD solution every year for most systems. **Failing to change the solution when prescribed can lead to corrosion problems.** Please follow all directions.

The time between successive changes depends on three main factors.

1. The type of dissimilar metals in the system.
2. The variable temperatures encountered by the solution.
3. The number of hours per day the fluid is circulated at the above temperatures.

Instructions "After First Time Use"

1. Drain* used fluid from system.
2. Fill cooling system with water leaving 10% volume for OxiShield.
3. Add OxiShield to the water.
   (Example: 1 gallon of OxiShield to 10 gallons of water.)
4. The system is ready for use.

See MSDS for details about handling OxiShield.

*** Dispose of according to local, state and federal regulations.**

Be safe, wear safety goggles with side shields. Avoid handling hot fluids!

Store OxiShield at room temperature, above 60°F. Keep container closed when not in use.

— WATER FILTERS —

COLD WATER FILTER

Designed for 100 PSI & 100°F Max
1" NPT Inlet & Outlet, Max GPM = 20
13-1/8" H x 7-1/4" Dia.
(cartridge not included - see Accessories below)
#WSF10

ACCESSORIES

30 Micron Cartridge:
#RF1030

Mounting Bracket with screws
#WBK10

Spanner Wrench
#SW-3

HOT WATER / HIGH PRESSURE FILTER

Designed for 250 PSI & 250°F Max
3/4" NPT Inlet & Outlet, Max GPM = 10
12-7/8" H x 4-1/8" Dia.
(cartridge not included - see Accessories below)
#WSFSS-1

ACCESSORIES

25 Micron Cartridge (40 - 175°F)
#155749-43

50 Micron Cartridge (40 - 175°F)
#155752-43

Mounting Bracket with screws
#WBKSS-1

Higher flow units available to order.

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