



PRODUCT BULLETIN

AC-700M

Heat Transfer System Cleaner

General Cleaning Procedures

1. Drain the original fluid in the cooling system. Inspect system for scale build-up and other contamination as a reference point for cleanliness.
2. After inspection, fill the systems with fresh water and circulate for 15-30 minutes. Flush and repeat until pH is neutral.
3. Drain the unit to eliminate loose scale fall-out in low points in the system.
4. Refill the system with freshwater and the desired concentration of **AC-700M**.
5. Operate the system at a temperature of 150° F - 180° F for 4-6 hours depending upon contamination. If the pH of the system climbs to 8-8.5, the product is spent. (Make sure air is excluded from the cleaning solution by venting through air bleeds.)
6. Discontinue circulation of the system and drain quickly from low point drains. Rinse the system with fresh water to remove loose debris.
7. Inspect the system internals identified in Step One.
8. Repeat process if necessary.
9. Once the system is satisfactorily cleaned, flush water through the system until the rinse water runs clear and pH is neutral.
10. Install a quality inhibited heat transfer fluid to protect the system against further scale and corrosion reoccurrence.

AC-700M, in some cases, may be more effective when multiple applications of higher dilutions (i.e. ten percent solution) are utilized in lieu of a single, high (i.e. twenty-five percent) concentration procedure.

Systems which have minimal scale build-up can be cleaned effectively with single applications of higher dilution concentrations. Solutions analysis and physical inspection can be utilized in making specific recommendations.

AC-700M contains no heavy metals and is biodegradable. Disposal of depleted cleaning solutions should be done as prescribed by company, state and federal guidelines.

TO NEUTRALIZE SPENT FLUID (AC-700M) WITH SODA ASH: ADD SLOWLY WHILE CIRCULATING OR STIRRING, AND MONITORING UNTIL pH REACHES 7.

CAUTION: SOME INCREASING IN TEMPERATURES IS TO BE EXPECTED IN NEUTRALIZATION PRECESS.

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