



AdvanceGuard™ EJC200 Cleaning Guide

Product Data Sheet

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General Cleaning Procedures

1. Drain the coolant liquid from the cooling system. As a reference point for cleanliness, inspect the system for scale build-up and other contamination. (Retain Representative Sample of Liquid For Testing Purposes)
2. After draining and inspection, fill the cooling system with fresh water and circulate for 15-30 minutes. Flush and repeat until the water is free of solids and debris. The water may still be turbid from residue removal.
3. Drain the cooling system to eliminate loose scale and deposit from low points in the system.
4. Refill the system with fresh water and a concentration of **AdvanceGuard EJC200**. The amount will range from 5 to 10 gallons per 100 gallons of cooling system capacity.
5. Once filled to operating levels, operate the system up to a temperature of 150° F—180° F for 6 to 12 hours, depending upon the degree of contamination removal observed in the circulating fluid. If the liquid pH exceeds 7.0, the cleaning product's active ingredients are depleted. (Venting through air vents will prevent air from entering the cleaning solution.)
6. At the end of the cleaning cycle, or when it is determined by observation that the cleaning solution needs to be replaced, discontinue the system's circulation and drain it from the lowest drain point. Rinse the system with fresh water to remove residual contamination.
7. Inspect the system for scale build-up and other contamination as a reference point for cleanliness, comparing the observation with Step 1 above. (Retain Representative Sample of Liquid for Testing Purposes)
8. Repeat the cleaning process if the inspection determines additional cleaning is needed.
9. Once the cooling system is cleaned, flush it until the rinse water is clear and the pH is neutral.
10. Refill the cooling system with a high-quality, scale-inhibiting antifreeze/coolant to prevent future scale and corrosion.

Application Review

AdvanceGuard EJC200 has proven more effective when applied in multiple 5% to 10% addition cleaning cycles in highly fouled and contaminated systems rather than a single higher concentration of 15% or higher.

A cooling system with minimal scale buildup can be effectively cleaned with a single application of **AdvanceGuard EJC200**. Cleaning recommendations are made based on physical inspection and analysis of operating fluid.

AdvanceGuard EJC200 contains no heavy metals and is biodegradable. Depleted cleaning solutions should be disposed of with a proper disposal company operating correctly under State and Federal regulations.

Use soda ash to neutralize the spent cleaning solution of AdvanceGuard EJC200. Gradually add the soda ash to the solution while continuously circulating or stirring. Monitor the solution's pH until it surpasses pH 7.0. Please note that the neutralization process may cause a slight increase in the solution's temperature handle accordingly.

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