

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Marine

Segment: 54 Transportation Equipment Manufacturing

Soil: Glue/adhesive, oil, rust/oxides, salt buildup cooked descale

Substrate: Copper-nickel

Description of Part(s): Heat exchanger

Customer objective: Improve cleaning performance, automate cleaning process, reduce cleaning costs

Cleaner used: 10% by volume ArmaKleen™ Rust Remover

Machine used: Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/ SUI)

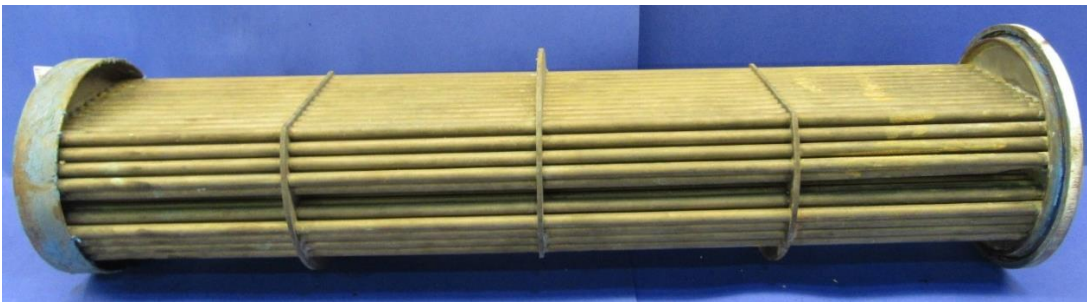
Temperature used: 150°F

Time required: 3 hours

Post Cleaning: Fresh water rinse and air pressure dried

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 10% by volume of ArmaKleen™ Rust Remover at 150°F in a Spray Under Immersion Washer for a minimum of 3 hours

Before Picture



After Picture



Source: TSR #19-A-098