

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Refrigeration Remanufacturing

Segment: 29 Manufacturing - Miscellaneous

Soil: Shop dirt, oil, grease, baked on carbon, rust/oxides

Substrate: Steel, iron, aluminum, copper, brass

Description of Part(s): Assorted parts

Customer objective: The customer was looking to improve their cleaning performance, automate their cleaning process and clean mixed metals together.

Cleaner used:

- 5% by volume ArmaKleen™ 4 in 1 Cleaner
- 20% by volume ArmaKleen™ Rust Remover

Machine used:

1. Ultrasonic Washer (Blackstone SK 6315)
2. Spray Under Immersion Washer (Graymills T12, Graymills T24, SK 81.8 w/SUI)

Temperature used: 150°F to 160°F

Time required: 2 to 8 hours

Post Cleaning: Fresh water rinse followed by air pressure drying.

Recommendation to Customer: The ArmaKleen Technical Center recommended using 20% by volume ArmaKleen™ Rust Remover at 160°F in a Spray Under Immersion Washer for a minimum of 2 hours.

Before Picture



After Picture



Source: TSR #15-A-136