

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Railroad Maintenance

Segment: 12 Railroads

Soil: Shop dirt, oil, glue/adhesive, grime, silicone, grease, wax, rust/oxides, asphalt

Substrate: Stainless steel, steel

Description of Part(s): Large ball valve

Customer objective: Improve cleaning performance, automate cleaning process, reduce rework and reject rate

Cleaner used:

- 10% by volume ArmaKleen™ M-100 BCR
- 10% by volume ArmaKleen™ M-301

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

Temperature used: 160°F

Time required: 8 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 M100 BCR at 160°F in a Spray Under Immersion Washer for a minimum of 8 hours

Before Picture



After Picture



Source: TSR #19-A-070