

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Transmission Manufacturing

Segment: 01 Auto Maintenance

Soil: Shop dirt, oil, grime, drawing lube, grease, baked on carbon

Substrate: Steel, aluminum

Description of Part(s): Steel and aluminum transmission parts

Customer objective: The customer was looking to improve their cleaning performance and automate their cleaning process.

Cleaner used: 5% by volume ArmaKleen™ 4 in 1 Cleaner

Machine used:

1. Spray Under Immersion Washer (Graymills T12, Graymills T24, SK 81.8 w/SUI)
2. Agitating Immersion Washer (SK 81.8, Graymills T12, Graymills T24)
3. Spray Washer (JRI TL3, JRI FL250, JRI FL500, Better Engineering G-2000)

Temperature used: 150 to 160°F

Time required: 2 to 4 hours

Post Cleaning: Fresh water rinse and air pressure dried

Recommendation to Customer: The ArmaKleen Technical Center recommended using 5% by volume ArmaKleen™ 4 in 1 Cleaner at 160°F in a Spray Washer for a minimum of 2 hours or at 150°F in an Agitating Immersion Washer or a Spray Under Immersion Washer for a minimum of 4 hours.

Before Picture



After Picture



Source: TSR #13-A-201