

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Parts manufacturing

Segment: 26 Fabricated Metal Products

Soil: Shop dirt, oil, grease

Substrate: Steel

Description of Part(s): Steel bearings

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 Washer (JRI TL3, JRI FL250, JRI FL500, Better Engineering G-2000)
2. Agitating Immersion Washer (SK 81.8, Graymills T12, Graymills T24)
3. Ultrasonic Washer (SK Blackstone 6315)
4. Spray Under Immersion Washer (Graymills T12, Graymills T24, SK 81.8 w/SUI)

Temperature used: 150°F to 160°F

Time required: 30 minutes

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

Recommendation to Customer: The ArmaKleen Technical Center recommended using 5% by volume ArmaKleen™ 4 in 1 Cleaner at 150° - 160°F in an Agitating Immersion Washer, a Spray Washer, a Spray Under Immersion Washer or an Ultrasonic Washer for a minimum of 30 minutes.

Before Picture



After Picture



Source: TSR #13-A-147