

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous cleaning

Industry: Fastener OEM Manufacture

Segment: 26 – Fabricated Metal Parts

Soil: Baked on oil, grime and cutting fluids

Substrate: Steel

Description of Part(s): Steel open ended connectors, steel caps and a steel connector

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

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

Machine used:

1. Ultrasonic Washer (SK6315 Blackstone model 3523)
2. Agitating Immersion Washer (81.8, T12, T24)

Temperature used: 160°F

Time required: 30 minutes to 1 hour

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 160°F in an Ultrasonic Washer or an Agitating Immersion Washer for a minimum of 1 hour.

Before Picture



After Picture



Source: TSR #13-A-060