

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Manufacturing

Segment: 26 – Fabricated Metal Products

Soil: Oil, glue/adhesive

Substrate: Steel, stainless steel, rubber

Description of Part(s): Nozzles and connectors

Customer objective: The customer was looking to improve their cleaning process, reduce rework and reject rate and eliminate hazardous chemicals and waste.

Cleaner used:

- 5% by volume ArmaKleen™ 4 in 1 Cleaner
- 10% by volume ArmaKleen™ M-301

Machine used: Ultrasonic Washer (Blackstone SK6315)

Temperature used: 160°F

Time required: 8 hours

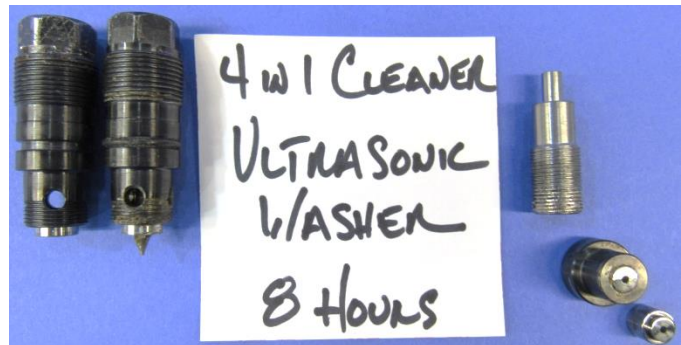
Post Cleaning: Fresh water rinse followed by air pressure drying. Several threaded areas were lightly brushed with a stainless steel bristle brush during the fresh water rinse.

Recommendation to Customer: The ArmaKleen Technical Center recommended using either 5% by volume ArmaKleen™ 4 in 1 Cleaner or 10% by volume ArmaKleen™ M-301 at 160°F in an Ultrasonic Washer for a minimum of 2 to 8+ hours.

Before Picture



After Picture



Source: TSR #15-AP-214