

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Aerospace Manufacturing

Segment: 28 – Mfg – Machine (incl Medical)

Soil: Proprietary coating and some particulate from the grinding operations

Substrate: Stainless steel, aluminum, small amounts of copper/brass and Inconel

Description of Part(s): An assortment of connector parts

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

Cleaner used:

- 10% by volume solution of ArmaKleen™ M-Aero
- 10% by volume solution of ArmaKleen™ M-HP-2

Machine used:

- Spray Washer (JRI TL3, JRI FL250, JRI FL500, Better Engineering G-2000)
- Ultrasonic Washer (SK Blackstone 6315)

Temperature used: 160°F

Time required: 0.5-1 hour for both cleaners

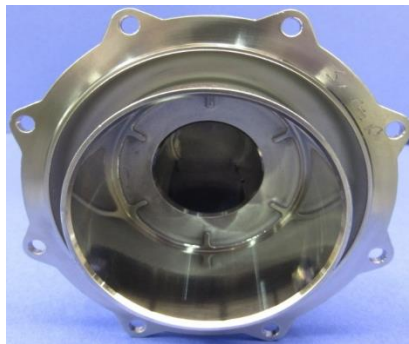
Post Cleaning: Fresh water rinse followed by air pressure drying

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 10% by volume solution of ArmaKleen™ M-Aero at 160°F in a Spray Washer for a minimum of 30 minutes to 1 hour or a 10% by volume solution of ArmaKleen™ M-HP-2 at 160°F in a Spray Washer for a minimum of 30 minutes to 1 hour.

Before Picture



After Picture



Source: TSR #16-A-049