ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Endoscope Manufacturer

Segment: 28 – Mfg – Machine (incl Medical)

Soil: Oil and cutting fluids.

Substrate: Brass, aluminum, stainless steel

Description of Part(s): Two brass ring, two threaded aluminum connectors and three stainless steel connectors

Customer objective: The customer was looking to clean mixed metals together, reduce their cleaning costs and eliminate hazardous chemicals/waste and reduce VOCs.

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

Machine used:

Agitated Immersion Spray Washer (SK Model 81.8, Graymills T24)

• Ultrasonic Washer (SK Blackstone 6315)

Temperature used: 150°F – 160°F

Time required: 15 minutes

Post Cleaning: De-ionize water rinse and air pressure dried.

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen[™] 4 in 1 Cleaner at 150°F in an Agitating Immersion Washer or at 160°F in an Ultrasonic Washer for a minimum of 15 minutes.

Before Picture



After Picture



Source: TSR #17-A-127