

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Firearm sling manufacturer

Segment: 26 – Fabricated Metal Products

Soil: oil and cutting fluids

Substrate: steel, stainless steel, plastic, aluminum copper and brass

Description of Part(s): an assortment of machine parts

Customer objective: The customer was looking to improve their cleaning performance, automate their cleaning process, clean mixed metals together and eliminate hazardous chemicals/waste.

Cleaner used:

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

Machine used: Ultrasonic Washer (SK Blackstone model 6315)

Temperature used: 160°F

Time required: 15 – 30 minutes

Post Cleaning: Fresh water rinse and air pressure dried. Parts were then placed in an oven at 210°F for 30 minutes.

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 10% by volume solution of ArmaKleen™ M-HP-2 at 160°F in an Ultrasonic Washer or a 10% by volume solution of ArmaKleen™ MM-Recycle at 160°F in an Ultrasonic Washer for a minimum of 15-30 minutes

Before Picture



After Picture



Source: TSR #17-A-087