ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Ammunition Manufacturer

Segment: 26 – Fabricated Metal Products

Soil: Cosmoline

Substrate: steel

Description of Part(s): three sets of steel pump/dispensers

Customer objective: The customer was looking to improve their cleaning performance.

Cleaner used:

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

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

Machine used:

Ultrasonic Washer (SK Blackstone 6315)

Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/SUI)

Temperature used: 160°F

Time required: 1 hour

Post Cleaning: Fresh water rinse followed by air pressure drying.

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner at 160°F in an Ultrasonic Washer for a minimum of 1 hour.

Before Picture



After Picture



Source: TSR # 16-A-097