

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Metal Forming OEM

Segment: 04 Dealerships – Recreational & Machinery

Soil: Drawing lube, grime, grease, compacted metal powder

Substrate: Steel, brass/copper

Description of Part(s): Steel machine parts and brass/copper disks

Customer objective: The customer was looking to improve their cleaning performance and eliminate hazardous chemicals and waste.

Cleaner used:

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

Machine used:

1. Spray Under Immersion Washer (Graymills T12, Graymills T24, SK 81.8 w/SUI)
2. Ultrasonic Washer (SK Blackstone model 6315)

Temperature used: 150 to 160°F

Time required: 1 hour

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

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

Before Picture



After Picture



Source: TSR #13-A-216