

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Spring manufacture

Segment: 26 – Fabricated Metal Products

Soil: Oil, cutting fluids

Substrate: Steel

Description of Part(s): Steel springs

Customer objective: The customer was looking to improve their cleaning performance, reduce rework and reject rate, reduce their cleaning costs, eliminate hazardous chemicals and waste and reduce VOCs.

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

Machine used: Spray Under Immersion Washer (Graymills T12, Graymills T24, SK 81.8 w/SUI)

Temperature used: 150°F

Time required: 15 minutes

Post Cleaning: Fresh water rinse followed by oven drying at 230°F

Recommendation to Customer: The ArmaKleen Technical Center recommended using 5% by volume ArmaKleen™ 4 in 1 Cleaner at 150°F in a Spray Under Immersion Washer for a minimum of 15 minutes.

Before Picture



After Picture

