

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Precision Manufacturing

Segment: 28 Machine (Including Medical) Manufacturing

Soil: Blast media from heat-treat

Substrate: Stainless steel

Description of Part(s): Pistons

Customer objective: Improve cleaning performance, automate cleaning process, reduce cleaning costs

Cleaner used: 5% by volume ArmaKleen™ BIO-24

Machine used:

- Ultrasonic Washer (SK Blackstone 6315)
- Spray Under Immersion Washer (Graymills T12, GraymillsT24, SK Model 81.8 w/ SUI)

Temperature used:

- 160°F
- 150°F

Time required: 30 minutes-4 hours

Post Cleaning: Fresh water rinse and air pressure dried, followed by drying in an incubator at 220°F

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen™ Bio 24 at 160°F in an Ultrasonic Washer or at 150°F in a Spray-Under Immersion Washer for a minimum of 30 minutes to 4 hours

Before Picture



After Picture



Source: TSR #19-A-011