

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Road Supplies Manufacturing

Segment: Wholesale Trade

Soil: Oil, glue/adhesive, grime, cutting fluids, drawing lube, baked on carbon

Substrate: Copper, brass

Description of Part(s): Dies with inserts

Customer objective: Improve cleaning performance, automate cleaning process, reduce rework and reject rate, reduce cleaning costs, reduce VOCs, eliminate hazardous chemicals/waste

Cleaner used: 10% by volume solution of ArmaKleen™ M-100 BCR

Machine used:

- Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/ SUI)
- Ultrasonic Washer (SK Blackstone 6315)

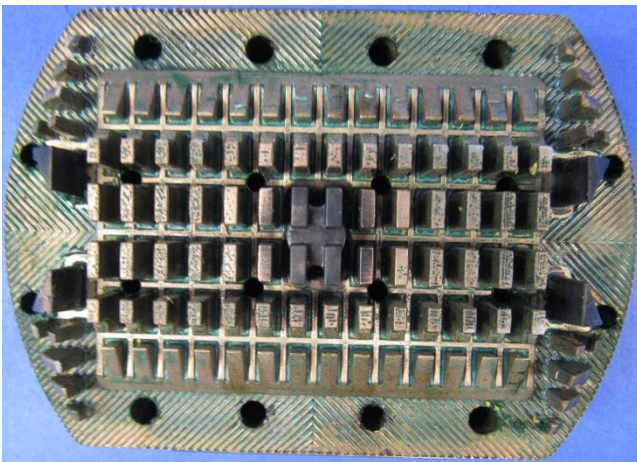
Temperature used: 160°F

Time required: 4 hours

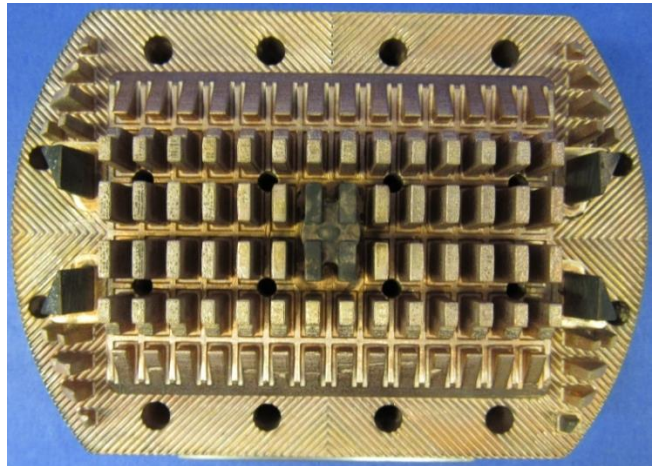
Post Cleaning: Fresh water rinse and air pressure dried

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 10% by volume solution of ArmaKleen™ M-100 BCR at 160°F in a Spray-Under Immersion Washer for a minimum of 4+ hours

Before Picture



After Picture



Source: TSR #18-A-168