

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Gearbox Manufacturer

Segment: 28 – Mfg – Machine (incl medical)

Soil: Oil, cutting fluids and grease

Substrate: Steel, aluminum, brass, plastic and powder metal zinc plate

Description of Part(s): An assortment of machine parts

Customer objective: The customer is looking to improve their cleaning performance, automate their cleaning process, reduce rework and reject rate, clean mixed metals together, reduce their cleaning costs and eliminate hazardous chemical/waste

Cleaner used: 10% by volume solution of ArmaKleen™ M-HP-2

Machine used:

- Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/SUI)
- Spray Washer (JRI TL3, JRI FL250, JRI FL500, Better Engineering G-2000)

Temperature used: 160°F

Time required: 1 hour

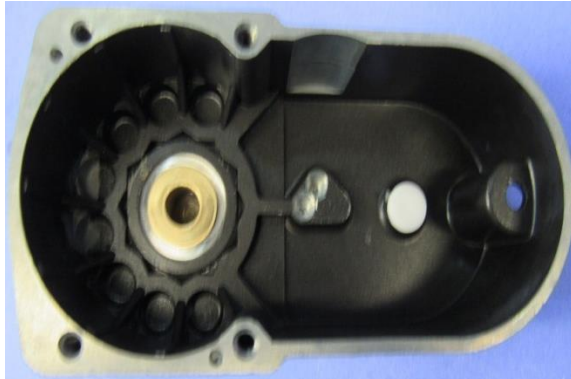
Post Cleaning: Fresh water rinse followed by air pressure drying

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 10% by volume solution of ArmaKleen™ M-HP-2 at 160°F in a Spray Washer for a minimum of 30 minutes to 1 hour.

Before Picture



After Picture



Source: TSR #16-A-094