

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Pump Manufacturer

Segment: 28 – Mfg – Machine (incl Medical)

Soil: shop dirt, oil and grime

Substrate: steel, aluminum, copper and plastic

Description of Part(s): six assorted electric motors

Customer objective: The customer was looking to improve their cleaning performance, automate their cleaning process, reduce their cleaning costs and eliminate hazardous chemicals/waste.

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

Machine used:

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

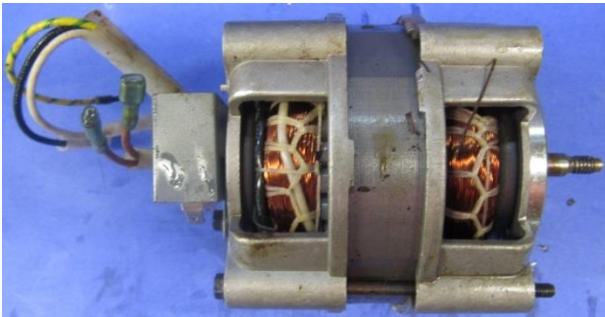
Temperature used: 150°F – 160°F

Time required: 15 minutes – 1 hour

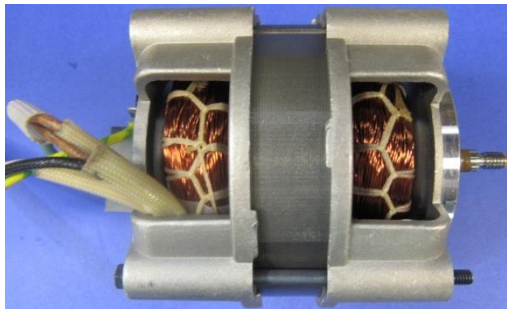
Post Cleaning: Fresh water rinsed followed by air pressure drying. Then placed in a 210°F oven for 30 minutes to prohibit any formation of rust on the steel.

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner at 160°F in a Spray Washer or at 150°F in a Spray-Under Immersion Washer for a minimum of 15 minutes to 1 hour.

Before Picture



After Picture



Source: TSR #17-A-151