

## ***ArmaKleen Technical Service Report Summary***

**Cleaning Trial Type:** Aqueous

**Industry:** Heating & Cooling

**Segment:** 28 Machine (Including Medical) Manufacturing

**Soil:** Aluminum flux/scale, baked on carbon

**Substrate:** Aluminum, copper/brass

**Description of Part(s):** Torch heads

**Customer objective:** Automate cleaning process and recover scrap parts

**Cleaner used:**

- 10% by volume ArmaKleen™ Rust Remover
- 10% by volume ArmaKleen™ M-100 BCR

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

**Temperature used:** 160°F

**Time required:** 6 hours

**Post Cleaning:** Fresh water rinse and air pressure dried

**Recommendation to Customer:** The ArmaKleen Technical Center recommends using a 10% by volume of ArmaKleen™ Rust Remover at 160°F in a Spray Under Immersion Washer for a minimum of 6 hours

**Before Picture**



**After Picture**



**Source:** TSR #19-A-087