

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

**Cleaning Trial Type:** Rust Removal

**Industry:** Plastic Manufacture

**Segment:** 23 MFG – Electrical Equipment & Computers

**Soil:** Rust, oxides

**Substrate:** Steel, brass

**Description of Part(s):** Steel and brass mold

**Customer objective:** The customer was looking to improve their cleaning performance, automate their cleaning process, reduce rework and reject rate and eliminate hazardous chemicals and waste.

**Machine used:** Spray Under Immersion Washer (T12, T24, 40.1, 81.8 w/ SUI)

**Temperature used:** 160°F

**Time required:** 45 minutes

**Post Cleaning:** Fresh water rinse followed by air pressure drying.

**Recommendation to Customer:** The ArmaKleen Technical Center recommended using 20% by volume ArmaKleen™ Rust Remover at 160°F in a Spray Under Immersion Washer for a minimum of 45 minutes.

**Before Picture**



**After Picture**



**Source:** TSR #13-A-051