

## **ArmaKleen Technical Service Report Summary**

**Cleaning Trial Type:** Aqueous

**Industry:** OEM metal parts manufacturing

**Segment:** 28 – Manufacturing – Machine (including Medical)

**Soil:** Oil

**Substrate:** Steel

**Description of Part(s):** Steel plates and hinges

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

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

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

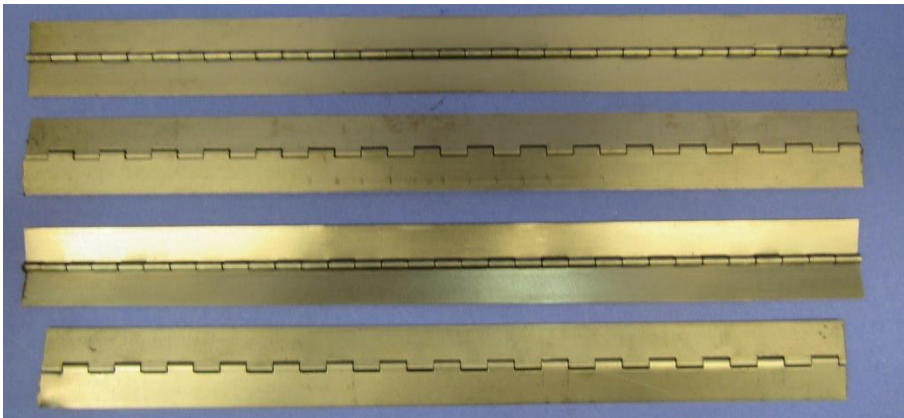
**Temperature used:** 150°F

**Time required:** 15 to 30 minutes

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

**Recommendation to Customer:** The ArmaKleen Technical Center recommended using 5% by volume ArmaKleen™ 4 in 1 Cleaner at 150°F in a Spray Under Immersion Washer for a minimum of 15 to 30 minutes.

### **Before Picture**



### **After Picture**



**Source:** TSR #15-A-174