

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

**Cleaning Trial Type:** Aqueous

**Industry:** Glass manufacturing

**Segment:** 29 – Manufacturing - Miscellaneous

**Soil:** Oil, grease, baked on carbon, baked on graphite, vegetable oil

**Substrate:** Steel, stainless steel

**Description of Part(s):** Machine parts

**Customer objective:** The customer was looking to automate their cleaning process.

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

**Machine used:**

1. Spray Washer (JRI FL250, JRI FL500, JRI TL3, Better Engineering B-2000)
2. Spray Under Immersion Washer (Graymills T12, Graymills T24, SK 81.8 w/SUI)

**Temperature used:** 150°F to 160°F

**Time required:** 1 hour

**Post Cleaning:** Air dried.

**Recommendation to Customer:** The ArmaKleen Technical Center recommended using 10% by volume ArmaKleen™ 4 in 1 Cleaner at 160°F in a Spray Washer for a minimum of 2+ hours or at 150°F in a Spray Under Immersion Washer for a minimum of 4+ hours.

**Before Picture**



**After Picture**



**Source:** TSR #15-A-216