

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

**Cleaning Trial Type:** Aqueous

**Industry:** Food-processing Technology

**Segment:** 26 Fabricated Metal Products

**Soil:** Stamping oil

**Substrate:** Steel

**Description of Part(s):** Assortment of steel brackets

**Customer objective:** Improve cleaning performance, reduce cleaning costs, replicate/replace cleaner currently being used

**Cleaner used:** 5% by volume ArmaKleen™ BIO-24

**Machine used:** Spray Washer (JRI FL 250, JRI FL 500, JRI TL 3)

**Temperature used:** 160°F

**Time required:** 15-30 minutes

**Post Cleaning:** Fresh water rinse and air pressure dried, followed by parts being placed in an incubator at 220°F

**Recommendation to Customer:** The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen™ BIO-24 in a Spray Washer at 160°F for 15-30 minutes

**Before Picture**



**After Picture**



**Source:** TSR #19-A-045