

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

**Cleaning Trial Type:** Aqueous

**Industry:** Automotive

**Segment:** 54 Transportation Equipment Manufacturing

**Soil:** Oil, cutting fluids

**Substrate:** Steel/iron, stainless steel, copper/brass

**Description of Part(s):** Metal fittings

**Customer objective:** Automate cleaning process, clean mixed metals together, reduce cleaning costs, move cleaning in-house

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

**Machine used:** Agitating Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8)

**Temperature used:** 150°F

**Time required:** 1 hour

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

**Recommendation to Customer:** The ArmaKleen Technical Center recommends using a 5% by volume solution ArmaKleen™ Bio24 at 150°F in an Agitating Immersion Washer for a minimum of 1 hour

**Before Picture**



**After Picture**



**Source:** TSR #19-A-063