## **ArmaKleen Technical Service Report Summary**

Cleaning Trial Type: Aqueous

**Industry:** Tool Cutting Manufacturer

**Segment:** 28 – Mfg – Machine (incl Medical)

**Soil:** Shop dirt, oil and grime

**Substrate:** Steel

**Description of Part(s):** five 5"diameter steel rings

**Customer objective:** The customer was looking to improve their cleaning performance

**Cleaner used:** 5% by volume solution of ArmaKleen<sup>™</sup> 4 in 1 Cleaner

Machine used: Ultrasonic Washer (SK Blackstone Model 6315)

**Temperature used:** 160°F

**Time required:** 15 minutes to 1 hour

Post Cleaning: Fresh water rinse followed by air pressure drying

**Recommendation to Customer:** The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner at 160°F in an Ultrasonic Washer for 15 minutes to 1 hour.

## **Before Picture**



## **After Picture**



**Source:** TSR #17-A-058