

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

**Cleaning Trial Type:** Aqueous

**Industry:** Aerospace Maintenance

**Segment:** 13 Trucking & Transportation Company (Excluding Package Delivery)

**Soil:** Grease and baked on carbon

**Substrate:** Steel

**Description of Part(s):** Steel rotor disks, steel bolts, steel washers and steel caps

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

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

**Machine used:**

1. Spray Washer (TL3, FL250, FL500)
2. Agitating Immersion Washer (81.8)
3. Ultrasonic Washer (SK6315 Blackstone model 3523)

**Temperature used:** 160°F

**Time required:** 1 hour

**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 160°F in a Spray Washer, or an Agitating Immersion Washer or an Ultrasonic Washer for a minimum of 1 hour. The preference for a Spray Washer or an Agitating Immersion Washer was stated.

**Before Picture**



**After Picture**



**Source:** TSR #12-A-256