

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous cleaning

Industry: Aerospace remanufacture

Segment: 26 – Fabricated Metal Parts

Soil: Shop dirt, oil, grime, grease, cosmoline-like grease, “mag-juice” and trace amounts of paint

Substrate: Steel

Description of Part(s): Steel rotors

Customer objective: The customer was looking to improve their cleaning performance, automate their cleaning process, reduce their cleaning costs and eliminate hazardous chemicals and waste.

Cleaner used:

1. 5% by volume ArmaKleen™ 4 in 1 Cleaner
2. 100 by volume ArmaKleen™ Paint and Ink Remover

Machine used: Spray Washer (JRI TL3, JRI FL250, JRI FL500, Better Engineering G-2000)

Temperature used: 160°F

Time required: 5 – 15 minutes

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 for a minimum of 5 – 30 minutes for the cleaning of shop dirt, oil, grime, grease, cosmoline-like grease and “mag-juice”.

The ArmaKleen™ Technical Center recommended using 100% by volume ArmaKleen™ Paint and Ink Remover at 160°F in a Spray Washer for a minimum of 30 minutes to remove the paint.

Before Picture



After Picture



Source: TSR #13-AP-093