

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Turbocharger Repair/ Remanufacturing

Segment: 03 – Dealership Auto

Soil: Baked on carbon, fuel deposits

Substrate: Stainless steel

Description of Part(s): Turbine blades

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

Cleaner used:

- 5% by volume ArmaKleen™ 4 in 1 Cleaner
- 10% by volume ArmaKleen™ M-301

Machine used: Ultrasonic Washer (Blackstone SK 6315)

Temperature used: 160°F

Time required: 2 hours

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 an Ultrasonic Washer for a minimum of 2 hours or using 10% by volume ArmaKleen™ M-301 at 160°F in an Ultrasonic Washer for a minimum of 2 hours.

Before Picture



After Picture



Source: TSR #15-A-219