

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Transmission Manufacture

Segment: 28 – Manufacturing – Machine including Medical

Soil: Shop dirt, oil, crime, cutting fluids, baked on carbon, rust/oxides and steel debris (dust and shavings)

Substrate: Steel

Description of Part(s): Steel blocks, transmission components

Customer objective: The customer was looking to improve their cleaning performance and reduce their cleaning costs.

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

Machine used: Agitating Ultrasonic Washer (Blackstone model 1745)

Temperature used: 160°F

Time required: Total 2 hours (alternating 15 minutes ultrasonics, 15 minutes agitation)

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 Agitating Ultrasonic Washer with alternating 15 minutes ultrasonic followed by 15 minutes agitation for a minimum total cleaning time of 2 hours.

Before Picture



After Picture



Source: TSR #13-A-007