

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: OEM engine parts

Segment: 29 – Manufacturing Miscellaneous

Soil: shop dirt, dust

Substrate: Steel, copper

Description of Part(s): Copper clad end piston connecting rods

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: Ultrasonic Washer (Blackstone SK6315)

Temperature used: 160°F

Time required: 15 minutes

Post Cleaning: Areas with yellow paint were lightly brushed with a nylon bristle bottle brush during the fresh water rinse. This was followed with 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 15 minutes.

Before Picture



After Picture



Source: TSR #15-A-168