

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Metal fabricating

Segment: 26 – Fabricated Metal Products

Soil: Rust, paint, ink

Substrate: Steel

Description of Part(s): Steel L-shaped brackets and steel square molds

Customer objective: The customer was looking to improve their cleaning performance, automate their cleaning process, reduce rework and reject rate, reduce their cleaning costs, eliminate hazardous chemicals and waste, recover scrap parts and reduce VOCs.

Cleaner used:

- 10% by volume ArmaKleen™ Rust Remover
- 5% by volume ArmaKleen™ 4 in 1 Cleaner

Machine used: Ultrasonic Washer (Blackstone SK 6315)

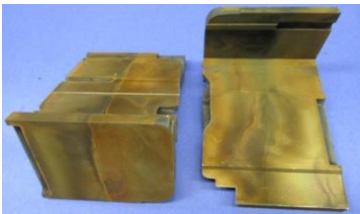
Temperature used: 160°F

Time required: 15 minutes to 1 hour

Post Cleaning: Fresh water rinse followed by air pressure drying. Printed areas were lightly wiped with a clean cotton cloth during the fresh water rinse.

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 1 hour on the square molds and using 10% by volume ArmaKleen™ Rust Remover at 160°F in an Ultrasonic Washer for a minimum of 1 hour for the steel brackets.

Before Picture



After Picture



Source: TSR #15-A-161