

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Glass manufacturing

Segment: 34 MFG – Non-metal (Plastic, Rubber, Glass)

Soil: Oil, grime, grease, baked on carbon

Substrate: Steel

Description of Part(s): Steel gear tooling part

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

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

Machine used: Ultrasonic Washer (SK 6315 Blackstone model 3523)

Temperature used: 160°F

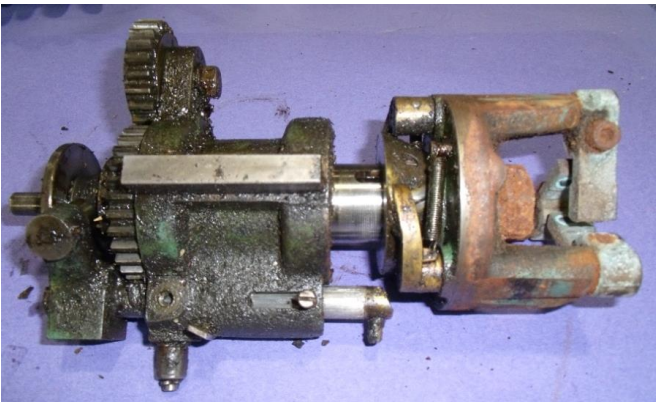
Time required: 2 to 8 hours

Post Cleaning: Fresh water rinse, with light brushing with a brass bristle brush on the heaviest soiled part, 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 to 8 hours.

Before Picture

After Picture



Source: TSR #13-A-050