ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Cool rolling tech manufacturer

Segment: 31 – Primary Manufacturing

Soil: Shop dirt, oil, grime, grease and HOCUT 787-B (oil based coolant with emulsifier). Coolant is breaking down and

turning into grease/sludge.

Substrate: Steel

Description of Part(s): An assortment of "tool" steel parts

Customer objective: The customer was looking to improve their cleaning performance, automate their cleaning process, reduce rework, reduce their cleaning costs and eliminate water spots after parts are cleaned, rinsed and dried

Cleaner used: 5% by volume solution of ArmaKleen[™] 4 in 1 Cleaner

Machine used:

Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/SUI)

Ultrasonic Washer (SK Blackstone model 6315)

•

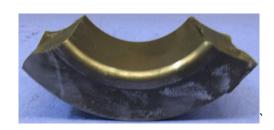
Temperature used: 150°F – 160°F

Time required: 2 hours

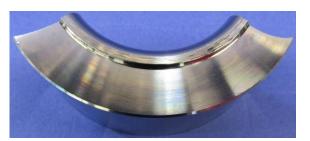
Post Cleaning: De-ionized water rinse followed by air pressure drying

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner at 160°F in an Ultrasonic Washer for a minimum of 2 hours.

Before Picture



After Picture



Source: TSR #17-A-065