

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Metals Manufacturing

Segment: 26 Fabricated Metal Products

Soil: Cutting fluids

Substrate: Aluminum

Description of Part(s): Pieces of aluminum beam

Customer objective: Improve cleaning performance, automate cleaning process, eliminate hazardous chemicals/waste, reduce cleaning costs

Cleaner used: 5% by volume ArmaKleen™ BIO-24

Machine used:

- Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/ SUI)
- Spray Washer (JRI FL 250, JRI FL 500, JRI TL 3)

Temperature used:

- 150°F
- 160°F

Time required: 15 minutes

Post Cleaning: Fresh water rinse and air pressure dried

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 5% by volume of ArmaKleen™ BIO-24 at 150°F in a Spray Under Immersion Washer for a minimum of 15 minutes or a 5% by volume of ArmaKleen™ BIO-24 at 160°F in a Spray Washer for a minimum of 15 minutes

Before Picture



After Picture



Source: TSR #19-A-121