

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Pipe & Tube Manufacturing

Segment: 28 – Mfg – Machine (incl Medical)

Soil: oil, cutting fluids and baked on carbon

Substrate: Steel, aluminum

Description of Part(s): An assortment of steel and aluminum pipes

Customer objective: The customer was looking to clean mixed metals together and reduce their cleaning costs

Cleaner used: 10% by volume solution of ArmaKleen™ M-100 BCR

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

Temperature used: 160°F

Time required: 30 minutes to 1 hour

Post Cleaning: Fresh water rinsed and air pressure dried. Parts were then placed in an oven at 200°F for 30 minutes to dry any remaining water to prevent any new rust formation.

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 10% by volume solution of ArmaKleen™ M-100 BCR at 160°F in a Spray-Under Immersion Washer for a minimum of 30 minutes to 1 hour.

Before Picture



After Picture



Source: TSR #17-A-123