ArmaKleen Technical Service Report Summary

| Cleaning Trial Type: Aqueous |
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| Industry: Remanufacturing |
| Segment: 28 Machine (Including Medical) Manufacturing |
| Soil: Cutting fluids |
| Substrate: Plastic |
| Description of Part(s): Connectors |
| Customer objective: Improve cleaning performance, automate cleaning process, reduce cleaning costs |
| Cleaner used: 5% by volume ArmaKleen™ BIO-24 |
| Machine used: Agitating Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8) |
| Temperature used: 150°F |
| Time required: 15-30 minutes |
| Post Cleaning: Fresh water rinse and air pressure dried |

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen[™] Bio 24 at 150°F in an Agitating Immersion Washer for a minimum of 15-30 minutes

Before Picture

After Picture





Source: TSR #19-A-131