

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 04/07/2000

Experimenters: John Brunelle

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Nickel, Stainless Steel, Steel

PartType: Coupon

Contaminants: Adhesive, Fluxes, Greases, Lubricating/Lapping Oils, Dirt, Oil

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.  
Laboratory evaluation.  
Contaminant: Oil, CAS: 64741-89-5, 8052-42-4  
Grease, CAS: 64742-47-8  
Flux, RMA  
Lubricant, CAS: 8052-42-4, 64742-57-0, 64742-62-7  
Adhesive, ACR Sealer 5504  
Sludge

## Results:

### Summary:

<b>Substrates:</b>	Aluminum, Brass, Copper, Nickel, Stainless Steel, Steel				
<b>Contaminants:</b>	Adhesive, Fluxes, Greases, Lubricating/Lapping Oils, Dirt, Oil				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Bio Chem Systems	Bio T Parts Washer NR	100	73.70	<input type="checkbox"/>	oil
Bio Chem Systems	Bio T Parts Washer NR	100	95.67	<input checked="" type="checkbox"/>	grease
Bio Chem Systems	Bio T Parts Washer NR	100	95.37	<input checked="" type="checkbox"/>	flux
Bio Chem Systems	Bio T Parts Washer NR	100	97.56	<input checked="" type="checkbox"/>	lubricant
Tower Products Inc	Tower 270 Cleaner Concentrate	5	98.20	<input checked="" type="checkbox"/>	oil
Tower Products Inc	Tower 270 Cleaner Concentrate	5	6.72	<input type="checkbox"/>	grease
Tower Products Inc	Tower 270 Cleaner Concentrate	5	206.90	<input type="checkbox"/>	flux
Heatbath Corporation	Multi-Kleen 1568	5	141.20	<input type="checkbox"/>	oil
Heatbath Corporation	Multi-Kleen 1568	5	26.60	<input type="checkbox"/>	grease
Heatbath Corporation	Multi-Kleen 1568	5	97.90	<input type="checkbox"/>	Flux
Smart Sonic Corp	440 R SMT Detergent	5	-0.70	<input type="checkbox"/>	oil
Smart Sonic Corp	440 R SMT Detergent	5	98.40	<input checked="" type="checkbox"/>	grease

### Conclusion: