



CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000
 DateRun: 04/06/2000
 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:

Substrates:	Aluminum, Brass, Copper, Nickel, Stainless Steel, Steel				
Contaminants:	Adhesive, Fluxes, Greases, Lubricating/Lapping Oils, Dirt, Oil				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
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: