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	☐	oil
Bio Chem Systems	Bio T Parts Washer NR	100	95.67	☑	grease
Bio Chem Systems	Bio T Parts Washer NR	100	95.37	☑	flux
Bio Chem Systems	Bio T Parts Washer NR	100	97.56	☑	lubricant
Tower Products Inc	Tower 270 Cleaner Concentrate	5	98.20	☑	oil
Tower Products Inc	Tower 270 Cleaner Concentrate	5	6.72	☐	grease
Tower Products Inc	Tower 270 Cleaner Concentrate	5	206.90	☐	flux
Heatbath Corporation	Multi-Kleen 1568	5	141.20	☐	oil
Heatbath Corporation	Multi-Kleen 1568	5	26.60	☐	grease
Heatbath Corporation	Multi-Kleen 1568	5	97.90	☐	Flux
Smart Sonic Corp	440 R SMT Detergent	5	-0.70	☐	oil
Smart Sonic Corp	440 R SMT Detergent	5	98.40	☑	grease

Conclusion: