CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 09/26/2002

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Greases

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.

Cleaning: 5 min Immersion cleaning with stir-bar agitation @ 68 F
Rinsing: 1/2 min, manual, in 68 F water (tap)
Drying: 1 min with heat gun @ 500F
Contaminant: Formax Manufacturing Corp, F-26 grease stick polishing lubricant (solid)
CAS# 68815-16-7 Saponified stearic
67701-27-3 Hydrofol glycerine
64742-52-5 Mineral oil
102-71-6 Emulsifying agent

Results: None of the cleaners were effective at ambient temperature. Will perform next trial with added heat, cleaners and rinse water will be at 120 F.

Summary:

Substrates:	Stainless Steel				
Contaminants:	Greases				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
EcoLink	Bulldog	5	62.83	☐	
Innovative Organics Inc	Amberclean Q3	5	27.34	☐	
AG Environmental Products	Soy Clear 1500	100	-64.47	☐	
AG Environmental Products	Canola Gold CE110	100	8.53	☐	
Phase III Inc	California Parts Washer Solution	5	15.36	☐	
PCI of America	Hurrisafe 9575	5	21.76	☐	

Conclusion: