CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 11/25/2002

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) ambient
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:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Greases				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Buckeye International	XL 100 Cleaner & Degreaser	5	98.61	☑	
Buckeye International	Immersion Cleaner	5	100.05	☑	
Buckeye International	Ambush	5	99.54	☑	
SOQ Environmental Technology	Ecomate FN	5	97.33	☑	
Simple Green	Concentrated Industrial Strength Cleaner and Degreaser	5	97.10	☑	
Magnaflux	Daraclean 236	5	97.66	☑	
Magnaflux	Daraclean 203	5	100.24	☑	

Conclusion: