CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 03/31/2003

Experimenters: Jason Marshall

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

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 @ 120 F
Rinsing: 1/2 min, manual, in 102 F water (tap)
Drying: 30 seconds air blow off, 68 F
Contaminant: grease, Daubert Chemical Company, Tectytl 891 class 1 Cosmoline CAS# 8052-41-3, 68

Results:

Summary:

Substrates:	Aluminum				
Contaminants:	Greases				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Florida Chemical Company	Citrus Burst 7	100	98.02	☑	
Florida Chemical Company	D-Limonene	100	99.93	☑	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	50.50	☐	Film left on coupons. When wiped coupons efficiency was increased to 88.97
Pentone Corporation	Citrikleen XPC	100	97.77	☑	
Inland Technologies Inc	Citrasafe	100	98.92	☑	
EcoLink	Vortex	100	99.06	☑	

Conclusion: