CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 04/13/2003

Experimenters: Jason Marshall

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Coatings

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: 1 min with heat gun @ 500F
Contaminant: Emerson & Cumming EccoCoat Cc 40 A Conductive coating, CAS# 7440-22-4, 108-88-3, thermo plastic resin

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Coatings				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Metabolix Inc	Metabolix E3HB	100	-12.70	☐	
Florida Chemical Company	Citrus Burst 7	100	42.93	☑	
Florida Chemical Company	D-Limonene	100	-11.94	☑	
Twin Rivers Technologies	Methyl Ester 1618	10	6.04	☑	
AG Environmental Products	Canola Gold CE110	100	-149.33	☐	
AG Environmental Products	Soy Clear 1500	100	-92.05	☐	
Vertec BioSolvents	Take Off Green	100	-96.88	☐	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	12.05	☐	
Pentone Corporation	Citrikleen XPC	100	97.90	☑	

Conclusion: