CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 01/09/2003

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 @ 120 F
Rinsing: 1/2 min, manual, in 102 F water (tap)
Drying: 30 seconds heat gun 500 F
Contaminant: Multi-Purpose Super White grease CRC Industries CAS# 64741-96-4, 7620-77-1, 1314-13-2, 57885-77-3, 13463-67-7

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Greases				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Metabolix Inc	Metabolix E3HB	100	99.50	☑	
Phase III Inc	Biodegradable Paint & Adhesive Remover	100	99.50	☑	
Vertec BioSolvents	Ink Zapper	100	99.58	☑	
Nensco	DT 600 Press Wash	50	92.34	☑	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	99.91	☑	
BioGenesis Enterprises Inc	BG Solv 717 Ink & Graffiti Cleaner	100	99.94	☑	
Prisco Printers Service	PES 320	100	84.60	☑	
PCI of America	Hurrisafe 9575	20	81.98	☐	

Conclusion: