

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003
 DateRun: 04/14/2003
 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	<input type="checkbox"/>	
Florida Chemical Company	Citrus Burst 7	100	42.93	<input checked="" type="checkbox"/>	
Florida Chemical Company	D-Limonene	100	-11.94	<input checked="" type="checkbox"/>	
Twin Rivers Technologies	Methyl Ester 1618	10	6.04	<input checked="" type="checkbox"/>	
AG Environmental Products	Canola Gold CE110	100	-149.33	<input type="checkbox"/>	
AG Environmental Products	Soy Clear 1500	100	-92.05	<input type="checkbox"/>	
Vertec BioSolvents	Take Off Green	100	-96.88	<input type="checkbox"/>	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	12.05	<input type="checkbox"/>	
Pentone Corporation	Citrikleen XPC	100	97.90	<input checked="" type="checkbox"/>	

Conclusion: