CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2003
DateRun:	04/02/2003
Experimenters:	Jason Marshall
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Aluminum
PartType:	Coupon
Contaminants:	Waxes
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: wax, Roger Reed 93114m hydrocarbon wax
Results:	

Summary:

Substrates:	Aluminum				
Contaminants:	Waxes				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Metabolix Inc	Metabolix E3HB	100	7.89	☐	
Florida Chemical Company	Citrus Burst 7	100	17.81	☐	
Florida Chemical Company	D-Limonene	100	27.48	☐	
Twin Rivers Technologies	Methyl Ester 1618	100	-17.34	☐	
AG Environmental Products	Canola Gold CE110	100	-29.16	☐	
AG Environmental Products	Soy Clear 1500	100	-47.92	☐	
Vertec BioSolvents	Take Off Green	100	53.67	☐	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	-24.76	☐	
Pentone Corporation	Citrikleen XPC	100	34.71	☐	

Conclusion: Wipe removal done on 4 cleaners after trial was run to see if it increased efficiency. It is trial 259.