CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2003
DateRun:	04/01/2003
Experimenters:	Jason Marshall
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Aluminum
PartType:	Coupon
Contaminants:	Oil
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: Citgo Quench Oil 22 CAS# 64741-89-5, 8052-42-4
Results:	

Summary:

Substrates:	Aluminum				
Contaminants:	Oil				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Florida Chemical Company	Citrus Burst 7	100	36.68	☐	
Florida Chemical Company	D-Limonene	100	87.20	☐	
AG Environmental Products	Canola Gold CE110	100	12.14	☐	
AG Environmental Products	Soy Clear 1500	100	-2.38	☐	
Vertec BioSolvents	Take Off Green	100	97.80	☑	These were wiped clean also
Vertec BioSolvents	Paint stripper	100	-5.74	☐	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	-4.64	☐	
Pentone Corporation	Citrikleen XPC	100	74.88	☐	
Finger Lakes Chemical	2-22 D Limonene Industrial Cleaner	100	2.14	☐	

Conclusion: After cleaning, wiping was performed to see if efficiencies would increase significantly. Trial 257 shows these results.