

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003  
 DateRun: 04/01/2003  
 Experimenters: Jason Marshall  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Aluminum  
 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 air blow off, 68 F  
 Contaminant: grease, Daubert Chemical Company, Tectyl 891 class 1 Cosmoline CAS# 8052-41-3, 68

Results:

Summary:

<b>Substrates:</b>		Aluminum			
<b>Contaminants:</b>		Greases			
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Florida Chemical Company	Citrus Burst 7	100	98.02	<input checked="" type="checkbox"/>	
Florida Chemical Company	D-Limonene	100	99.93	<input checked="" type="checkbox"/>	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	50.50	<input type="checkbox"/>	Film left on coupons. When wiped coupons efficiency was increased to 88.97
Pentone Corporation	Citrikleen XPC	100	97.77	<input checked="" type="checkbox"/>	
Inland Technologies Inc	Citrasafe	100	98.92	<input checked="" type="checkbox"/>	
EcoLink	Vortex	100	99.06	<input checked="" type="checkbox"/>	

Conclusion: