

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002  
 DateRun: 09/26/2002  
 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 @ 68 F  
 Rinsing: 1/2 min, manual, in 68 F water (tap)  
 Drying: 1 min with heat gun @ 500F  
 Contaminant: Formax Manufacturing Corp, F-26 grease stick polishing lubricant (solid)  
 CAS# 68815-16-7 Saponified stearic  
 67701-27-3 Hydrofol glycerine  
 64742-52-5 Mineral oil  
 102-71-6 Emulsifying agent  
 Results: None of the cleaners were effective at ambient temperature. Will perform next trial with added heat, cleaners and rinse water will be at 120 F.

Summary:

<b>Substrates:</b>	Stainless Steel				
<b>Contaminants:</b>	Greases				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
EcoLink	Bulldog	5	62.83	<input type="checkbox"/>	
Innovative Organics Inc	Amberclean Q3	5	27.34	<input type="checkbox"/>	
AG Environmental Products	Soy Clear 1500	100	-64.47	<input type="checkbox"/>	
AG Environmental Products	Canola Gold CE110	100	8.53	<input type="checkbox"/>	
Phase III Inc	California Parts Washer Solution	5	15.36	<input type="checkbox"/>	
PCI of America	Hurrisafe 9575	5	21.76	<input type="checkbox"/>	

Conclusion: