

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002  
 DateRun: 01/15/2002  
 Experimenters: Heidi Wilcox  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Stainless Steel  
 PartType: Coupon  
 Contaminants: Lubricating/Lapping Oils  
 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: ITW Devcon, Safetap Stick - 71907 (Solid Grinding Lube)  
 CAS# NONE - Plant based lube

**Results:**

**Summary:**

<b>Substrates:</b>	Stainless Steel				
<b>Contaminants:</b>	Lubricating/Lapping Oils				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Kleer Flo Company	Grease Off 2	5	100.40	<input checked="" type="checkbox"/>	
Valtech Corporation	Valtron SP 2201	5	92.30	<input checked="" type="checkbox"/>	
Valtech Corporation	Valtron SP 2200	5	96.73	<input checked="" type="checkbox"/>	
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	69.94	<input type="checkbox"/>	
US Polychem Corporation	Polychem PW 147	5	96.75	<input checked="" type="checkbox"/>	

**Conclusion:** Four of the five cleaners used were effective.