

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002  
 DateRun: 01/06/2002  
 Experimenters: Purav Dave  
 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 at 120 F with stir-bar agitation.  
 Rinsing : 1/2 min manual at 120 F .  
 Drying : 1 min with heat gun at 500 F  
 Contaminant :ELF Lubricants- Nevastone Safeguard 6-Lubricating oil.  
 Cas No: 64742-47-8, 8042-47-5, 9003-29-6.

**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>
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	98.64	<input checked="" type="checkbox"/>	
Calgon Corporation	Geo Guard 2000	5	89.89	<input checked="" type="checkbox"/>	
Calgon Corporation	GP Xtra	5	97.79	<input checked="" type="checkbox"/>	
Brulin Corporation	Nature Sol 100	5	99.45	<input checked="" type="checkbox"/>	
PCI of America	Hurrisafe 9450	5	97.68	<input checked="" type="checkbox"/>	
AW Chesterton	181 Low Alkaline Cleaner	5	97.32	<input type="checkbox"/>	

**Conclusion:** All cleaners worked.