

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002  
 DateRun: 01/13/2002  
 Experimenters: Purav Dave  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Stainless Steel  
 PartType: Coupon  
 Contaminants: Greases  
 Cleaning Methods: Ultrasonics  
 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.  
 Degasing: Degasing the solution by keeping solutions in ultrasonic crest for 5 min at 120 F.  
 Cleaning: Ultrasonic for 2 min. at 120 F.  
 Rinsing: 1/2 min. manual with water at 120 F.  
 Drying: 1 min. with heat gun at 500 F.  
 Contaminant: Keystone -111 Diester based grease.

Results:

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>
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	98.69	<input checked="" type="checkbox"/>	
Calgon Corporation	Geo Guard 2000	5	71.46	<input type="checkbox"/>	
Calgon Corporation	GP Xtra	5	93.54	<input type="checkbox"/>	
PCI of America	Hurrisafe 9450	5	91.98	<input checked="" type="checkbox"/>	
Bruhin Corporation	Nature Sol 100	5	54.15	<input type="checkbox"/>	
AW Chesterton	181 Low Alkaline Cleaner	5	57.37	<input type="checkbox"/>	

Conclusion: