

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 01/07/2002
 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:

Substrates:	Stainless Steel				
Contaminants:	Lubricating/Lapping Oils				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
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.