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:	

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	☑	
Calgon Corporation	Geo Guard 2000	5	89.89	☑	
Calgon Corporation	GP Xtra	5	97.79	☑	
Brulin Corporation	Nature Sol 100	5	99.45	☑	
PCI of America	Hurrisafe 9450	5	97.68	☑	
AW Chesterton	181 Low Alkaline Cleaner	5	97.32	☐	

Conclusion: All cleaners worked.