

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 01/10/2002
 Experimenters: Purav Dave
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Stainless Steel
 PartType: Coupon
 Contaminants: Greases
 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 at 120 F with stir-bar agitation.
 Rinsing : 1/2 min. manual with water at 120 F.
 Drying : 1 min with heat gun at 500 F.
 Contaminant : Elf Lubricants - Keystone KSL - 111 - Diester based grease.

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Greases				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	73.73	<input type="checkbox"/>	
Calgon Corporation	Geo Guard 2000	5	66.21	<input type="checkbox"/>	
Calgon Corporation	GP Xtra	5	58.95	<input type="checkbox"/>	
PCI of America	Hurrisafe 9450	5	58.95	<input type="checkbox"/>	
Brulin Corporation	Nature Sol 100	5	75.37	<input type="checkbox"/>	
AW Chesterton	181 Low Alkaline Cleaner	5	42.71	<input type="checkbox"/>	

Conclusion: Non of the cleaners were effective.