

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/11/2002

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.