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:

Substrates:	Stainless Steel				
Contaminants:	Greases				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	98.69	☑	
Calgon Corporation	Geo Guard 2000	5	71.46	☐	
Calgon Corporation	GP Xtra	5	93.54	☐	
PCI of America	Hurrisafe 9450	5	91.98	☑	
Brulin Corporation	Nature Sol 100	5	54.15	☐	
AW Chesterton	181 Low Alkaline Cleaner	5	57.37	☐	

Conclusion: