CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	01/07/2002
Experimenters:	Purav Dave
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Aluminum
PartType:	Coupon
Contaminants:	Oil
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 `40 F with stir-bar agitation. Rinsing : 1/2 min. manual in water at 120 F Drying : 1 min. with heat gun at 500 F Contaminant : Contaminated machine Oil collected from machine table (Shelf CT-3-997109)
Results:	

Summary:

Substrates:	Aluminum				
Contaminants:	Oil				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	85.96	☑	
Calgon Corporation	Geo Guard 2000	5	127.12	☐	acts on Al coupons
Calgon Corporation	GP Xtra	5	80.91	☐	
PCI of America	Hurrisafe 9450	5	80.14	☐	
Brulin Corporation	Nature Sol 100	5	98.52	☑	

Conclusion: Coupons in Geoguard were kept for 2 and 1/2 min because it appeared to be acting on the coupons and it foamed a lot.