CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2001
DateRun:	12/16/2001
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 at 120 F with stir-bar agitation. Rinsing : 1/2 min, manual in water at 120 F Drying : Drying at room temperature for 16 hrs. Contaminant : Castrol Inc. -Braycote Perfluoropolyether High Temperature lubricating grease.
Results:	There was increase in weight of some coupons. This is due to the fact that grease was not removed at all from the coupons and it retained the water.

Summary:

Substrates:	Stainless Steel				
Contaminants:	Greases				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Alconox Inc	Alcojet	1	2.15	☐	
Buckeye International	Shopmaster FF	5	1.15	☐	
Buckeye International	Shopmaster HP	5	1.88	☐	
Buckeye International	Shopmaster LPH	5	3.48	☐	
Calgon Corporation	SC 431	5	2.99	☐	
Buckeye International	Immersion Cleaner	5	2.94	☐	
Brulin Corporation	Aquavantage 1400	5	2.75	☐	

Conclusion: Failure of all the cleaners.