

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	<input type="checkbox"/>	
Buckeye International	Shopmaster FF	5	1.15	<input type="checkbox"/>	
Buckeye International	Shopmaster HP	5	1.88	<input type="checkbox"/>	
Buckeye International	Shopmaster LPH	5	3.48	<input type="checkbox"/>	
Calgon Corporation	SC 431	5	2.99	<input type="checkbox"/>	
Buckeye International	Immersion Cleaner	5	2.94	<input type="checkbox"/>	
Brulin Corporation	Aquavantage 1400	5	2.75	<input type="checkbox"/>	

Conclusion: Failure of all the cleaners.