CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001

DateRun: 12/19/2001

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Lubricating/Lapping Oils

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 in water at 120 F
Drying : 1 min. with heat gun at 500 F
Contaminant : ELF Lubricants -Keystone Moly-23

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Lubricating/Lapping Oils				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Alconox Inc	Alcojet	1	74.76	☐	
Buckeye International	Shopmaster FF	5	79.60	☐	
Buckeye International	Shopmaster HP	5	86.96	☑	
Buckeye International	Shopmaster LPH	5	91.67	☑	
Calgon Corporation	SC 431	5	94.47	☑	
Buckeye International	Immersion Cleaner	5	80.50	☐	
Brulin Corporation	Aquavantage 1400	5	80.97	☐	

Conclusion: