

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001

DateRun: 12/20/2001

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	<input type="checkbox"/>	
Buckeye International	Shopmaster FF	5	79.60	<input type="checkbox"/>	
Buckeye International	Shopmaster HP	5	86.96	<input checked="" type="checkbox"/>	
Buckeye International	Shopmaster LPH	5	91.67	<input checked="" type="checkbox"/>	
Calgon Corporation	SC 431	5	94.47	<input checked="" type="checkbox"/>	
Buckeye International	Immersion Cleaner	5	80.50	<input type="checkbox"/>	
Brulin Corporation	Aquavantage 1400	5	80.97	<input type="checkbox"/>	

Conclusion: