

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/05/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Abrasive

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 with water at 120 F.
Drying: 1 min. with heat gun at 500 F.
Contaminant: Lea Manufacturing Company, 2-B-111 Abrasive fatty acids, glycerides and petroleum oil/wax mix, silica dust (148008-60-7)

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Abrasive				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
United Laboratories International	United 450 All Clear	5	74.30	<input type="checkbox"/>	
EnviroSan Products Ltd	Solution 2000	5	57.39	<input type="checkbox"/>	
CRC Industries	Complex Blue	5	86.52	<input checked="" type="checkbox"/>	
Dysol	DS 108 Wipe Solvent	100	18.57	<input type="checkbox"/>	
Heatbath Corporation	Alu-Kleen 36	5	80.82	<input type="checkbox"/>	
Heatbath Corporation	Power Wash Cleaner BCR	5	81.94	<input type="checkbox"/>	
Oakite Products	Inproclean 2000	5	93.56	<input checked="" type="checkbox"/>	
Carroll Company	Blue Gold Heavy Industrial Cleaner	5	93.88	<input checked="" type="checkbox"/>	
Tarksol Inc	Tarksol HTF 60	5	-27.28	<input type="checkbox"/>	
Magnaflux	Daraclean 200	5	86.39	<input checked="" type="checkbox"/>	

Conclusion: