CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 04/21/2002

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 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:
ITW-Fluid product group
Accu-Lube PS-8, Spray Lubricant

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Lubricating/Lapping Oils				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Kyzen Corporation	Ionox HC 2	100	100.05	☑	
Safe Science Inc	Heavy Duty Kitchen Cleaner F1	5	98.32	☑	
Safe Science Inc	Heavy Duty Kitchen Cleaner F2	5	96.98	☑	
Dow Chemical Company	XUS 40570 Development Solvent	100	99.87	☑	
Dow Chemical Company	XUS 40579 Development Solvent	100	98.94	☑	
Oakite Products	Inproclean 2300	5	65.85	☐	Droplets observed on the coupons while weighing.
Oakite Products	Inproclean 61 B	5	66.34	☐	Droplets observed on the coupons while weighing.
Magnaflux	Daraclean 121	5	97.89	☑	
Sysco Corporation	Heavy Duty Kitchen Cleaner	5	97.97	☑	

Conclusion: