CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 02/03/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants: Greases, 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 with water at 120 F.
Drying: 1 min. with heat gun at 500 F.
Contaminant:
1. Grease: Keystone KSL-111, ELF Lubricants, Diester based grease.
2.Lubricant - ELF Lubricants Nevastone Safeguard 6 Food Machinery lube oil (64742-47-8, 8042-47-5, 9003-29-6)

Results:

Summary:

Substrates:	Aluminum				
Contaminants:	Greases, Lubricating/Lapping Oils				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Bio Chem Systems	Solsafe 245	100	96.52	☑	Contaminant: Grease
Bio Chem Systems	Solsafe 245	100	94.67	☑	Contaminant: Lubricant
Finger Lakes Chemical	1-1-02	100	94.52	☑	Contaminant: Grease
Oakite Products	Citradet	5	83.26	☐	Contaminant: Grease
Oakite Products	Inproclean 2500	5	84.10	☐	Contaminant: Grease
Watson Technical Associates	Watson Formula 7300	5	70.07	☐	Contaminant: Grease

Conclusion: