CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 02/12/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Buffing/Polishing Compounds, Waxes

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. manual with heat gun at 120 F
Contaminant:
1. Wax: Paraffin wax, technical, Stevenson Brother and co. Inc.- Petroleum wax.
2. Buffing Compound - The lea Manufacturing Company -Learok-2-B-111, Contains fatty acids, glycerides, petroleum wax oil mix, silica dust.
Cas #: 14808-60-7.

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Buffing/Polishing Compounds, Waxes				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Abatement Technologies	Bio Might 100 Cleaner - Degreaser	5	-0.01	☐	Contaminant: Wax
Alconox Inc	Detergent 8	5	-0.16	☐	Contaminant: Wax
Baum's Castorine Company Inc	EZE Oil-Grease Cleaner	5	-0.09	☐	Contaminant: Wax
Abatement Technologies	Bio Might 100 Cleaner - Degreaser	5	76.72	☐	Contaminant: Buffing Compound.
Chem Free Corporation	SW-2 Heavy Grease Formula	5	44.18	☐	Contaminant: Buffing Compound.
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	5	46.79	☐	Contaminant: Buffing Compound.

Conclusion: