

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 02/13/2002

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 Ilea Manufacturing Company -Learok-2-B-111, Contains fatty acids, glycerides, petroleum wax oil mix, silica dust.  
 Cas #: 14808-60-7.

## Results:

### Summary:

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

### Conclusion: