

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 02/20/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Buffing/Polishing Compounds

Cleaning Methods: Ultrasonics

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.  
 Degasifying: 5 min. in ultrasonic crest at 120 F.  
 Cleaning: 2 min. in ultrasonic crest at 120 F.  
 Rinsing: 1/2 min. manual with water at 120 F.  
 Drying: 1 min. with heat gun at 500 F.  
 Contaminant: The lea manufacturing Company-Learok 2-B-111-Abrasive, Fatty acids, glycerides and petroleum wax/oil mix, silica dust.  
 Cas #: 14808-60-7.

## Results:

### Summary:

<b>Substrates:</b>		Stainless Steel			
<b>Contaminants:</b>		Buffing/Polishing Compounds			
<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	102.01	<input checked="" type="checkbox"/>	
Chem Free Corporation	SW-2 Heavy Grease Formula	5	100.07	<input checked="" type="checkbox"/>	
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	5	104.01	<input checked="" type="checkbox"/>	

Conclusion: All the cleaners were effective.