

# 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:**

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

**Conclusion:**