

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000  
 DateRun: 07/12/2000  
 Experimenters: John Brunelle  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Aluminum, Brass, Copper, Nickel, Plastic, Stainless Steel  
 PartType: Coupon  
 Contaminants: Adhesive, Fluxes, Greases, Inks, Oil  
 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.  
 Laboratory evaluation.  
 Contaminant: Adhesive, Acrylic sealant 5504  
 Flux, Ersin 5381 RMA  
 Grease, CAS: 64742-47-8  
 Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4, 141-78-6, 64-17-5  
 Oil, CAS: 64741-89-5, 8052-42-4

**Results:**

**Summary:**

<b>Substrates:</b>		Aluminum, Brass, Copper, Nickel, Plastic, Stainless Steel			
<b>Contaminants:</b>		Adhesive, Fluxes, Greases, Inks, Oil			
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Today & Beyond	Beyond 2005	5	2.18	<input type="checkbox"/>	ink
Today & Beyond	Beyond 2005	5	96.38	<input checked="" type="checkbox"/>	flux
Today & Beyond	Beyond 2005	5	31.07	<input type="checkbox"/>	grease
Today & Beyond	Beyond 2005	5	93.14	<input checked="" type="checkbox"/>	oil
Today & Beyond	Beyond 2005	5	-58.87	<input type="checkbox"/>	adhesive
Today & Beyond	Beyond 2006	5	-13.98	<input type="checkbox"/>	ink
Today & Beyond	Beyond 2006	5	50.77	<input type="checkbox"/>	flux
Today & Beyond	Beyond 2006	5	34.14	<input type="checkbox"/>	grease
Today & Beyond	Beyond 2006	5	78.90	<input type="checkbox"/>	oil
Today & Beyond	Beyond 2006	5	-76.50	<input type="checkbox"/>	adhesive
Today & Beyond	Beyond 2007	5	31.99	<input type="checkbox"/>	ink
Today & Beyond	Beyond 2007	5	21.85	<input type="checkbox"/>	flux
Today & Beyond	Beyond 2007	5	43.77	<input type="checkbox"/>	grease
Today & Beyond	Beyond 2007	5	67.33	<input type="checkbox"/>	oil
Today & Beyond	Beyond 2007	5	-17.22	<input type="checkbox"/>	adhesive
Today & Beyond	Beyond 2009	100	65.22	<input type="checkbox"/>	ink
Today & Beyond	Beyond 2009	100	98.70	<input checked="" type="checkbox"/>	flux
Today & Beyond	Beyond 2009	100	75.79	<input type="checkbox"/>	grease
Today & Beyond	Beyond 2009	100	95.44	<input checked="" type="checkbox"/>	oil
Today & Beyond	Beyond 2009	100	-15.09	<input type="checkbox"/>	adhesive

**Conclusion:**