



CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000
 DateRun: 04/20/2000
 Experimenters: Nicole Vayo, 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, 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:

Substrates:		Aluminum, Brass, Copper, Nickel, Plastic, Stainless Steel			
Contaminants:		Adhesive, Fluxes, Greases, Inks, Oil			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Today & Beyond	Beyond 2001	5	-4.40	<input type="checkbox"/>	ink
Today & Beyond	Beyond 2001	5	96.10	<input checked="" type="checkbox"/>	flux
Today & Beyond	Beyond 2001	5	85.70	<input checked="" type="checkbox"/>	grease
Today & Beyond	Beyond 2001	5	-3.20	<input type="checkbox"/>	adhesive
Today & Beyond	Beyond 2002	5	-1.87	<input type="checkbox"/>	ink
Today & Beyond	Beyond 2002	5	95.62	<input checked="" type="checkbox"/>	flux
Today & Beyond	Beyond 2002	5	59.22	<input type="checkbox"/>	grease
Today & Beyond	Beyond 2002	5	96.32	<input checked="" type="checkbox"/>	oil
Today & Beyond	Beyond 2002	5	-3.66	<input type="checkbox"/>	adhesive
Today & Beyond	Beyond 2003	5	-1.38	<input type="checkbox"/>	ink
Today & Beyond	Beyond 2003	5	502.70	<input checked="" type="checkbox"/>	flux
Today & Beyond	Beyond 2003	5	52.90	<input type="checkbox"/>	grease
Today & Beyond	Beyond 2003	5	97.90	<input checked="" type="checkbox"/>	oil
Today & Beyond	Beyond 2003	5	14.07	<input type="checkbox"/>	adhesive
Today & Beyond	Beyond 2004	5	-3.10	<input type="checkbox"/>	ink
Today & Beyond	Beyond 2004	5	96.80	<input checked="" type="checkbox"/>	flux
Today & Beyond	Beyond 2004	5	90.20	<input checked="" type="checkbox"/>	grease
Today & Beyond	Beyond 2004	5	5.39	<input type="checkbox"/>	adhesive

Conclusion: