

# CLEANING LABORATORY EVALUATION SUMMARY

**SCL #:** 2000  
**DateRun:** 11/09/2000  
**Experimenters:** John Brunelle  
**ClientType:** Lab  
**ProjectNumber:** Project #1  
**Substrates:** Alloys, Brass, Copper, Nickel, Stainless Steel  
**PartType:** Coupon  
**Contaminants:** Adhesive, Fluxes, Greases, 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. Laboratory evaluation.  
 Contaminant: Adhesive Acrylic Sealant 5504, CAS: 108-88-3, 141-78-6, 142-82-5, 67-63-0  
 Grease, KSL 111, CAS: 64742-47-8  
 Lubricant, Fluorocarbon Release, CAS: 79070-11-4  
 Flux, Kester 1544 Rosin, CAS: 64-17-5, 78-92-2, 8050-09-7

**Results:**

**Summary:**

<b>Substrates:</b>	Alloys, Brass, Copper, Nickel, Stainless Steel				
<b>Contaminants:</b>	Adhesive, Fluxes, Greases, Lubricating/Lapping Oils				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	45.17	<input type="checkbox"/>	grease
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	87.36	<input checked="" type="checkbox"/>	flux
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	-207.40	<input type="checkbox"/>	adhesive
International Products Corporation	LF 2100 (Liquid Foam Cleaner)	5	19.14	<input type="checkbox"/>	lubricant
International Products Corporation	Surface Cleanse Concentrated Neutral 930	5	51.39	<input type="checkbox"/>	grease
International Products Corporation	Surface Cleanse Concentrated Neutral 930	5	33.78	<input type="checkbox"/>	flux
International Products Corporation	Surface Cleanse Concentrated Neutral 930	5	-162.34	<input type="checkbox"/>	adhesive
International Products Corporation	Surface Cleanse Concentrated Neutral 930	5	-19.14	<input type="checkbox"/>	lubricant
International Products Corporation	Zymit	5	66.47	<input type="checkbox"/>	grease
International Products Corporation	Zymit	5	1.04	<input type="checkbox"/>	flux
International Products Corporation	Zymit	5	-10.10	<input type="checkbox"/>	lubricant
International Products Corporation	Zymit	5	-139.00	<input type="checkbox"/>	adhesive
Gemtek Products	SC Odor Ex	10	87.81	<input checked="" type="checkbox"/>	grease
Gemtek Products	SC Odor Ex	10	16.33	<input type="checkbox"/>	flux
Gemtek Products	SC Odor Ex	10	7.81	<input type="checkbox"/>	lubricant
Gemtek Products	SC Odor Ex	10	-3.57	<input type="checkbox"/>	adhesive

**Conclusion:**