

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 08/04/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Brass, Copper, Nickel, Stainless Steel

PartType: Coupon

Contaminants: Fluxes, Lubricating/Lapping Oils

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: One product was diluted to 10% and a second was used at 100%. Both were used at room temperature. Stainless steel coupons were coated with a lubricant (64742-47-8, 9003-29-6) and a flux.

Results: NAB broke up oil immediately, but didn't pull off it off the coupon easily.

Summary:	<b>Substrates:</b> Brass, Copper, Nickel, Stainless Steel					
	<b>Contaminants:</b> Fluxes, Lubricating/Lapping Oils					
Company Name:		Product Name:	Conc.:	Efficiency:	Effective:	Observations:
International Bio System		Bio Z	10	13.30	<input type="checkbox"/>	c,oating, brass
International Bio System		Bio Z	10	16.10	<input type="checkbox"/>	ink, coating
International Bio System		Bio Z	10	64.60	<input type="checkbox"/>	oil, ss
North Atlantic Bio Industries		NAB 9000	10	19.10	<input type="checkbox"/>	coating, brass
North Atlantic Bio Industries		NAB 9000	10	16.80	<input type="checkbox"/>	ink, nickel
North Atlantic Bio Industries		NAB 9000	10	88.00	<input checked="" type="checkbox"/>	oil, ss

Conclusion: Success on the lubricant.