

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 03/24/2000

Experimenters: Nicole Vayo, John Brunelle

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Nickel, Stainless Steel

PartType: Coupon

Contaminants: Greases, Inks, Lubricating/Lapping Oils, 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: Grease, CAS: 64742-47-8  
Oil, CAS: 64741-89-5, 8052-42-4  
Lubricant, CAS: 8052-42-4, 64742-57-0, 64742-62-7  
Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4, 141-78-6, 64-17-5

## Results:

### Summary:

<b>Substrates:</b>	Aluminum, Brass, Copper, Nickel, Stainless Steel				
<b>Contaminants:</b>	Greases, Inks, Lubricating/Lapping Oils, Oil				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Innovative Organics Inc	Amberclean L 12	5	95.70	<input checked="" type="checkbox"/>	grease
Innovative Organics Inc	Amberclean L 12	5	98.35	<input checked="" type="checkbox"/>	oil
Magnaflux	Daraclean 212	5	87.20	<input checked="" type="checkbox"/>	grease
Magnaflux	Daraclean 212	5	97.70	<input checked="" type="checkbox"/>	oil
Magnaflux	Daraclean 212	5	-37.30	<input type="checkbox"/>	lubricant
Magnaflux	Daraclean 212	5	32.30	<input type="checkbox"/>	ink
Man Gill Chemical Company	Gillite 0650 Cl	5	98.15	<input checked="" type="checkbox"/>	oil
Man Gill Chemical Company	Gillite 0650 Cl	5	1.60	<input type="checkbox"/>	ink
International Products Corporation	Micro 90 Conc.	5	113.50	<input type="checkbox"/>	grease
International Products Corporation	Micro 90 Conc.	5	99.15	<input checked="" type="checkbox"/>	oil
International Products Corporation	Micro 90 Conc.	5	32.25	<input type="checkbox"/>	lubricant
International Products Corporation	Micro 90 Conc.	5	-39.90	<input type="checkbox"/>	ink

### Conclusion: