

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 07/23/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Stainless Steel

PartType: Coupon

Contaminants: Greases, Oil

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Six products were diluted to 5% and heated to 130 F. Aluminum, copper, stainless steel and brass coupons were coated with an oil (64741-89-5) and a grease (64742-47-8).

Results: Oakite Low Heat Cleaner caused major discoloration of brass

Summary:

<b>Substrates:</b>		Aluminum, Brass, Copper, Stainless Steel				
<b>Contaminants:</b>		Greases, Oil				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>	
Environmental Services	TASC	5	93.90	<input checked="" type="checkbox"/>	oil, aluminum	
Man Gill Chemical Company	Gillite 1156	5	48.30	<input type="checkbox"/>	oil, aluminum	
Man Gill Chemical Company	Gillite 1156	5	93.40	<input checked="" type="checkbox"/>	grease, brass	
Oakite Products	Oakite 77	5	85.50	<input checked="" type="checkbox"/>	oil, copper	
Oakite Products	Oakite 77	5	99.30	<input checked="" type="checkbox"/>	oil, ss	
Oakite Products	Oakite Low Heat Cleaner 1	5	88.00	<input type="checkbox"/>	oil, copper	
Oakite Products	Oakite Low Heat Cleaner 1	5	89.30	<input checked="" type="checkbox"/>	grease, ss	
Oakite Products	Oakite Low Heat Cleaner 1	5	9937.00	<input checked="" type="checkbox"/>	grease, brass	
Calgon Corporation	RT 806	5	88.30	<input checked="" type="checkbox"/>	oil, AL	
Calgon Corporation	RT 806	5	94.90	<input checked="" type="checkbox"/>	grease, AL	
Heatbath Corporation	Uni Kleen 10	5	97.10	<input checked="" type="checkbox"/>	oil, copper	
Heatbath Corporation	Uni Kleen 10	5	98.20	<input checked="" type="checkbox"/>	grease, copper	

Conclusion: Mostly successful for the oil and all were successful for the grease.