

# 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.