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:

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Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Environmental Services	TASC	5	93.90	☑	oil, aluminum
Man Gill Chemical Company	Gillite 1156	5	48.30	☐	oil, aluminum
Man Gill Chemical Company	Gillite 1156	5	93.40	☑	grease, brass
Oakite Products	Oakite 77	5	85.50	☑	oil, copper
Oakite Products	Oakite 77	5	99.30	☑	oil, ss
Oakite Products	Oakite Low Heat Cleaner 1	5	88.00	☐	oil, copper
Oakite Products	Oakite Low Heat Cleaner 1	5	89.30	☑	grease, ss
Oakite Products	Oakite Low Heat Cleaner 1	5	9937.00	☑	grease, brass
Calgon Corporation	RT 806	5	88.30	☑	oil, AL
Calgon Corporation	RT 806	5	94.90	☑	grease, AL
Heatbath Corporation	Uni Kleen 10	5	97.10	☑	oil, copper
Heatbath Corporation	Uni Kleen 10	5	98.20	☑	grease, copper

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