

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 07/13/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Stainless Steel

PartType: Coupon

Contaminants: Oil

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: One product was diluted to 5% and heated to 130 F. Aluminum, brass, copper and stainless steel coupons were coated with an oil (64741-89-5)

Results: Oil is lifted into solution, covered in a white foam until dispersed. A control was used to verify scale analysis. Percent efficiency is consistent for any substrate used.

Summary:

| Substrates: | | Aluminum, Brass, Copper, Stainless Steel | | | | |
|---------------------------|---------------|--|-------------|-------------------------------------|--------------------|--|
| Contaminants: | | Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: | |
| Man Gill Chemical Company | Gillite 160 X | 5 | 100.00 | <input checked="" type="checkbox"/> | on aluminum | |
| Man Gill Chemical Company | Gillite 160 X | 5 | 100.00 | <input checked="" type="checkbox"/> | on brass | |
| Man Gill Chemical Company | Gillite 160 X | 5 | 101.00 | <input checked="" type="checkbox"/> | on copper | |
| Man Gill Chemical Company | Gillite 160 X | 5 | 100.00 | <input checked="" type="checkbox"/> | on stainless steel | |

Conclusion: Effective on all four surfaces.