

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 10/19/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

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

PartType: Coupon

Contaminants: Coatings, 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: Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4, 141-78-6, 64-17-5
Oil, CAS: 64741-89-5
Coating, CAS: 64742-47-8, 64742-52-5
Lubricant, CAS: 64742-47-8, 9003-29-6

Results:

Summary:

| Substrates: | Aluminum, Brass, Copper, Nickel, Stainless Steel | | | | |
|--------------------------------|--|--------|-------------|-------------------------------------|---------------|
| Contaminants: | Coatings, Inks, Lubricating/Lapping Oils, Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Oakite Products | Inproclean 2500 | 5 | 99.40 | <input checked="" type="checkbox"/> | coating |
| Oakite Products | Inproclean 2500 | 5 | 3.20 | <input type="checkbox"/> | ink |
| Oakite Products | Inproclean 2500 | 5 | 98.70 | <input checked="" type="checkbox"/> | oil |
| Oakite Products | Inproclean 2500 | 5 | 98.40 | <input checked="" type="checkbox"/> | lubricant |
| Matchless Metal Polish Company | MC 132 | 5 | 90.50 | <input checked="" type="checkbox"/> | coating |
| Matchless Metal Polish Company | MC 132 | 5 | 21.70 | <input type="checkbox"/> | ink |
| Matchless Metal Polish Company | MC 132 | 5 | 97.30 | <input checked="" type="checkbox"/> | oil |
| Hubbard Hall Inc | Ram Charger | 5 | 73.00 | <input type="checkbox"/> | coating |
| Hubbard Hall Inc | Ram Charger | 5 | 0.75 | <input type="checkbox"/> | ink |
| Hubbard Hall Inc | Ram Charger | 5 | 94.10 | <input checked="" type="checkbox"/> | oil |

Conclusion: