

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999
 DateRun: 10/28/1999
 Experimenters: Nicole Vayo
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum, Brass, Ceramics, Copper, Nickel
 PartType: Coupon
 Contaminants: Coatings, Greases, 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
 Grease, CAS: 64742-47-8
 Lubricant, CAS: 64742-47-8, 9003-29-6

Results:

Summary:

| Substrates: | Aluminum, Brass, Ceramics, Copper, Nickel | | | | |
|-------------------------------|--|--------|-------------|-------------------------------------|---------------|
| Contaminants: | Coatings, Greases, Inks, Lubricating/Lapping Oils, Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Alconox Inc | Detergent 8 | 5 | 98.30 | <input checked="" type="checkbox"/> | coating |
| Alconox Inc | Detergent 8 | 5 | 90.70 | <input checked="" type="checkbox"/> | oil |
| Alconox Inc | Detergent 8 | 5 | 98.70 | <input checked="" type="checkbox"/> | grease |
| MacDermid Industrial Products | New Dimensions LF Supreme | 5 | 99.50 | <input checked="" type="checkbox"/> | coating |
| MacDermid Industrial Products | New Dimensions LF Supreme | 5 | 94.70 | <input checked="" type="checkbox"/> | lubricant |
| MacDermid Industrial Products | New Dimensions LF Supreme | 5 | 27.40 | <input type="checkbox"/> | ink |
| Environmental Technology | RB Degreaser Cleaner | 5 | 98.80 | <input checked="" type="checkbox"/> | coating |
| Environmental Technology | RB Degreaser Cleaner | 5 | 87.10 | <input checked="" type="checkbox"/> | oil |
| Environmental Technology | RB Degreaser Cleaner | 5 | 95.40 | <input checked="" type="checkbox"/> | lubricant |

Conclusion: