

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:

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|-------------------------------|--|---------------|--------------------|-------------------------------------|----------------------|
| 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: