

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 04/14/2000

Experimenters: Nicole Vayo, John Brunelle

ClientType: Lab

ProjectNumber: Project #1

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

PartType: Coupon

Contaminants: Adhesive, Fluxes, 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: Adhesive, ACR Sealer 5504
Flux
Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4, 141-78-6, 64-17-5
Grease, CAS: 64742-47-8
Lubricant, CAS: 8052-42-4, 64742-57-0, 64742-62-7
Oil, CAS: 64741-89-5, 8052-42-4

Results:

Summary:

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|----------------------|------------------------|--|--------------------|-------------------------------------|----------------------|
| Substrates: | | Aluminum, Brass, Copper, Nickel, Plastic, Stainless Steel | | | |
| Contaminants: | | Adhesive, Fluxes, Greases, Inks, Lubricating/Lapping Oils, Oil | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Bio Chem Systems | Green Stuff 6325 | 10 | -3.18 | <input type="checkbox"/> | ink |
| Bio Chem Systems | Green Stuff 6325 | 10 | 91.25 | <input checked="" type="checkbox"/> | flux |
| Bio Chem Systems | Green Stuff 6325 | 10 | 99.61 | <input checked="" type="checkbox"/> | grease |
| Bio Chem Systems | Green Stuff 6325 | 10 | 6.95 | <input type="checkbox"/> | adhesive |
| Bio Chem Systems | Green Stuff 6325 | 10 | 95.62 | <input checked="" type="checkbox"/> | oil |
| Bio Chem Systems | Bio T 200 A | 100 | 55.64 | <input type="checkbox"/> | ink |
| Bio Chem Systems | Bio T 200 A | 100 | 75.45 | <input type="checkbox"/> | flux |
| Bio Chem Systems | Bio T 200 A | 100 | 99.94 | <input checked="" type="checkbox"/> | grease |
| Bio Chem Systems | Bio T 200 A | 100 | 17.05 | <input type="checkbox"/> | adhesive |
| Bio Chem Systems | Bio T 200 A | 100 | 99.87 | <input checked="" type="checkbox"/> | oil |
| Heatbath Corporation | Alu-Kleen 36 | 5 | 6.27 | <input type="checkbox"/> | flux |
| Heatbath Corporation | Alu-Kleen 36 | 5 | 91.19 | <input checked="" type="checkbox"/> | oil |
| Heatbath Corporation | Alu-Kleen 36 | 5 | 98.70 | <input checked="" type="checkbox"/> | grease |
| Heatbath Corporation | Power Wash Cleaner BCR | 5 | 87.68 | <input checked="" type="checkbox"/> | lubricant |
| Heatbath Corporation | Power Wash Cleaner BCR | 5 | 52.38 | <input type="checkbox"/> | flux |
| Heatbath Corporation | Power Wash Cleaner BCR | 5 | 100.03 | <input checked="" type="checkbox"/> | grease |
| Heatbath Corporation | Power Wash Cleaner BCR | 5 | 85.95 | <input checked="" type="checkbox"/> | oil |

Conclusion: