

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000
 DateRun: 09/13/2000
 Experimenters: John Brunelle
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum, Copper, Nickel, Stainless Steel
 PartType: Coupon
 Contaminants: Adhesive, 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 Acrylic Sealant 5504, CAS: 108-88-3, 141-78-6, 142-82-5, 67-63-0
 Lubricant, Fluorocarbon Release, CAS: 79070-11-4
 Oil, Hydraulic, CAS: 64742-65-0

Results:

Summary:

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|------------------------------|---|---------------|--------------------|--------------------------|----------------------|
| Substrates: | Aluminum, Copper, Nickel, Stainless Steel | | | | |
| Contaminants: | Adhesive, Lubricating/Lapping Oils, Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| General Chemical Corporation | Aluminex 5834 | 10 | 52.72 | <input type="checkbox"/> | lubricant |
| General Chemical Corporation | Aluminex 5834 | 10 | 46.32 | <input type="checkbox"/> | oil |
| Smart Sonic Corp | 440 R SMT Detergent | 5 | -8.18 | <input type="checkbox"/> | adhesive |
| Today & Beyond | Beyond 2001 | 5 | 2.45 | <input type="checkbox"/> | adhesive |
| Today & Beyond | Beyond 2001 | 5 | 76.95 | <input type="checkbox"/> | oil |
| Today & Beyond | Beyond 2001 | 5 | 14.45 | <input type="checkbox"/> | lubricant |

Conclusion: