

# 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:

| <b>Substrates:</b>           | Aluminum, Copper, Nickel, Stainless Steel |        |             |                          |               |
|------------------------------|---|--------|-------------|--------------------------|---------------|
| <b>Contaminants:</b>         | 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: