

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 02/01/2000

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Stainless Steel

PartType: Coupon

Contaminants: Coatings, 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, 8052-42-4  
Coating, CAS: 64742-47-8, 64742-52-5  
Lubricant, CAS: 8052-42-4, 64742-57-0, 64742-62-7

## Results:

### Summary:

|                      |   |               |                    |                                     |                      |
|----------------------|---|---------------|--------------------|-------------------------------------|----------------------|
| <b>Substrates:</b>   | Aluminum, Brass, Copper, Stainless Steel      |               |                    |                                     |                      |
| <b>Contaminants:</b> | Coatings, Inks, Lubricating/Lapping Oils, Oil |               |                    |                                     |                      |
| <b>Company Name:</b> | <b>Product Name:</b>                          | <b>Conc.:</b> | <b>Efficiency:</b> | <b>Effective:</b>                   | <b>Observations:</b> |
| Oakite Products      | Citradet                                      | 5             | 16.20              | <input type="checkbox"/>            | coating              |
| Oakite Products      | Citradet                                      | 5             | 2.50               | <input type="checkbox"/>            | ink                  |
| Oakite Products      | Citradet                                      | 5             | 96.80              | <input checked="" type="checkbox"/> | lubricant            |
| Oakite Products      | Citradet                                      | 5             | 75.00              | <input type="checkbox"/>            | oil                  |
| Savogran Company     | SI #4 Coating Remover                         | 100           | 24.80              | <input type="checkbox"/>            | coating              |
| Savogran Company     | SI #4 Coating Remover                         | 100           | -568.00            | <input type="checkbox"/>            | ink, lots of residue |
| Gemtek Products      | SC Supersolve Safety Solvent                  | 5             | 39.90              | <input type="checkbox"/>            | coating              |
| Gemtek Products      | SC Supersolve Safety Solvent                  | 5             | 8.10               | <input type="checkbox"/>            | ink                  |
| Gemtek Products      | SC Supersolve Safety Solvent                  | 5             | 46.19              | <input type="checkbox"/>            | lubricant            |
| Gemtek Products      | SC Supersolve Safety Solvent                  | 5             | 93.80              | <input checked="" type="checkbox"/> | oil                  |

### Conclusion: