

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 04/04/2000

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Steel

PartType: Coupon

Contaminants: Greases, 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: Oil, CAS: 64741-89-5, 8052-42-4  
Grease, CAS: 64742-47-8  
Lubricant, CAS: 8052-42-4, 64742-57-0, 64742-62-7

## Results:

### Summary:

| <b>Substrates:</b>      |                  | Aluminum, Brass, Steel |             |                                     |               |  |
|-------------------------|------------------|------------------------|-------------|-------------------------------------|---------------|--|
| <b>Contaminants:</b>    |                  | Greases, Oil           |             |                                     |               |  |
| Company Name:           | Product Name:    | Conc.:                 | Efficiency: | Effective:                          | Observations: |  |
| Warren Chemical Company | Sea Wash 700 Old | 8                      | 99.31       | <input checked="" type="checkbox"/> | oil           |  |
| Warren Chemical Company | Sea Wash 700 Old | 8                      | 100.11      | <input checked="" type="checkbox"/> | grease        |  |
| Warren Chemical Company | Sea Wash 700 New | 4                      | 98.02       | <input checked="" type="checkbox"/> | oil           |  |
| Warren Chemical Company | Sea Wash 700 New | 4                      | 96.59       | <input checked="" type="checkbox"/> | grease        |  |
| Warren Chemical Company | Sea Wash 700 New | 4                      | 92.67       | <input checked="" type="checkbox"/> | lubricant     |  |
| Bio Chem Systems        | Bio T V 50       | 100                    | 98.98       | <input checked="" type="checkbox"/> | oil           |  |
| Bio Chem Systems        | Bio T V 50       | 100                    | 101.80      | <input checked="" type="checkbox"/> | grease        |  |
| Bio Chem Systems        | Bio T V 50       | 100                    | 99.15       | <input checked="" type="checkbox"/> | lubricant     |  |

### Conclusion: