

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 04/10/2003

Experimenters: Jason Marshall

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Paints

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.  
Cleaning: 5 min Immersion cleaning with stir-bar agitation @ 120 F  
Drying: Wipe with paper towel to increase efficiency  
Contaminant: Bowman Dist Semi-Gloss Black Enamel Paint  
CAS# 67-64-1, 1330-20-7, 64-17-5, 763-69-9, 78-93-3, 141-78-6, 68476-56-8

## Results:

### Summary:

|                           |                                       |               |                    |                                     |                      |
|---------------------------|---------------------------------------|---------------|--------------------|-------------------------------------|----------------------|
| <b>Substrates:</b>        | Stainless Steel                       |               |                    |                                     |                      |
| <b>Contaminants:</b>      | Paints                                |               |                    |                                     |                      |
| <b>Company Name:</b>      | <b>Product Name:</b>                  | <b>Conc.:</b> | <b>Efficiency:</b> | <b>Effective:</b>                   | <b>Observations:</b> |
| Florida Chemical Company  | D-Limonene                            | 100           | 89.74              | <input type="checkbox"/>            |                      |
| Bio Chem Systems          | Bio T 300 B                           | 100           | 83.56              | <input type="checkbox"/>            |                      |
| Brulin Corporation        | Nature Sol 100                        | 100           | 69.69              | <input type="checkbox"/>            |                      |
| AG Environmental Products | Soy Gold 1000                         | 100           | -1.81              | <input type="checkbox"/>            |                      |
| AG Environmental Products | Soy Gold 2000                         | 100           | 1.37               | <input type="checkbox"/>            |                      |
| AG Environmental Products | Soy Clear 1500                        | 100           | -4.26              | <input type="checkbox"/>            |                      |
| Vertec BioSolvents        | VertecBio Gold Unscented Part Cleaner | 100           | 8.00               | <input checked="" type="checkbox"/> |                      |

Conclusion: Continuation of trial 238