

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 05/21/2007

Experimenters: Shweta Bansal

ClientType: Lab

ProjectNumber: Project #1

Substrates: Brass

PartType: Coupon

Contaminants: 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.  
Cleaning: 5 min. immersion cleaning at 130 F with stir-bar agitation.  
Rinsing with Tap Water  
Drying: 30 sec. Air blow off using hose  
Contaminant  
3:1 nPB/Supercoat  
Substrate 2"x 4"x 0.06" Brass Coupons

## Results:

### Summary:

|                          |                           |               |                    |                          |                      |
|--------------------------|---------------------------|---------------|--------------------|--------------------------|----------------------|
| <b>Substrates:</b>       | Brass                     |               |                    |                          |                      |
| <b>Contaminants:</b>     | Oil                       |               |                    |                          |                      |
| <b>Company Name:</b>     | <b>Product Name:</b>      | <b>Conc.:</b> | <b>Efficiency:</b> | <b>Effective:</b>        | <b>Observations:</b> |
| Magnaflux                | Daraclean 232             | 5             | -43.31             | <input type="checkbox"/> |                      |
| Finger Lakes Chemical    | FLSC-12 Resineater Sample | 5             | -56.67             | <input type="checkbox"/> |                      |
| Bio Chem Systems         | Bio T Max                 | 5             | -10.41             | <input type="checkbox"/> |                      |
| Florida Chemical Company | Citrus Burst 7            | 5             | -140.87            | <input type="checkbox"/> |                      |
| Kyzen Corporation        | Ionox HC 2                | 5             | -4.29              | <input type="checkbox"/> |                      |

### Conclusion: