

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 06/25/2007

Experimenters: Shweta Bansal

ClientType: Lab

ProjectNumber: Project #1

Substrates: Steel

PartType: Coupon

Contaminants: Greases

Cleaning Methods: Ultrasonics

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. Ultrasonics cleaning at 130 F.  
Rinsing with Tap Water  
Drying: 30 s50 Air blow off using hose and outlet on bench  
Contaminant  
Premium Red Grease  
Substrate 2"x 4"x 0.06" Steel Coupons

## Results:

### Summary:

|                                    |   |               |                    |                          |                      |
|------------------------------------|---|---------------|--------------------|--------------------------|----------------------|
| <b>Substrates:</b>                 | Steel   |               |                    |                          |                      |
| <b>Contaminants:</b>               | Greases                                       |               |                    |                          |                      |
| <b>Company Name:</b>               | <b>Product Name:</b>                          | <b>Conc.:</b> | <b>Efficiency:</b> | <b>Effective:</b>        | <b>Observations:</b> |
| Gemtek Products                    | SC Aircraft & Metal Cleaner Super Concentrate | 5             | -3.55              | <input type="checkbox"/> |                      |
| Brulin Corporation                 | Aquavantage 3800 GD                           | 5             | -1.97              | <input type="checkbox"/> |                      |
| International Products Corporation | Micro 90 Conc.                                | 5             | -1.20              | <input type="checkbox"/> |                      |

### Conclusion: