

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 12/05/2007

Experimenters: Shweta Bansal

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Lubricating/Lapping Oils

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 with stir-bar agitation.  
Rinsing with Tap Water  
Drying: 30 sec Air blow off using hose and outlet on bench  
Contaminant: STP Oil Treatment  
Substrate 2"x 4"x 0.06"  
Stainless Steel Coupons

## Results:

### Summary:

|                         |   |               |                    |                          |                      |
|-------------------------|---|---------------|--------------------|--------------------------|----------------------|
| <b>Substrates:</b>      | Stainless Steel                               |               |                    |                          |                      |
| <b>Contaminants:</b>    | Lubricating/Lapping Oils                      |               |                    |                          |                      |
| <b>Company Name:</b>    | <b>Product Name:</b>                          | <b>Conc.:</b> | <b>Efficiency:</b> | <b>Effective:</b>        | <b>Observations:</b> |
| New Pig Corporation     | New Pig Degreaser                             | 5             | 74.97              | <input type="checkbox"/> |                      |
| Gemtek Products         | SC Aircraft & Metal Cleaner Super Concentrate | 5             | 81.87              | <input type="checkbox"/> |                      |
| Oakite Products         | Inproclean 3800                               | 5             | 66.23              | <input type="checkbox"/> |                      |
| Warren Chemical Company | Sea Wash Blue                                 | 5             | 72.41              | <input type="checkbox"/> |                      |

### Conclusion: