

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 06/19/2007

Experimenters: Shweta Bansal

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Lubricating/Lapping Oils

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-minute immersion Soak cleaning at 130 F with stir-bar agitation.  
Rinsing with Tap Water  
Drying: 30 s50 Air blow off using hose and outlet on bench  
Contaminant  
Copperskin 510 (Lubricant)  
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> |
| Warren Chemical Company       | Sea Wash Blue                                 | 5                        | 97.96              | <input checked="" type="checkbox"/> |                      |
| North Atlantic Bio Industries | NAB 9000                                      | 5                        | 83.35              | <input type="checkbox"/>            |                      |
| Gemtek Products               | SC Aircraft & Metal Cleaner Super Concentrate | 5                        | 96.86              | <input checked="" type="checkbox"/> |                      |

### Conclusion: