

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:

| | | | | | |
|-------------------------|---|--------------------------|--------------------|--------------------------|----------------------|
| Substrates: | | Stainless Steel | | | |
| Contaminants: | | Lubricating/Lapping Oils | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| 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: