

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/03/2002

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Greases

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 with stir-bar agitation @ 120 F
Rinsing: 1/2 min, manual, in 102 F water (tap)
Drying: 1 min with heat gun @ 500F
Contaminant: Formax Manufacturing Corp, F-26 grease stick polishing lubricant (solid)

Results:

Summary:

| Substrates: | | Stainless Steel | | | | |
|--------------------------|------------------|-----------------|-------------|-------------------------------------|---------------|--|
| Contaminants: | | Greases | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: | |
| AW Chesterton | 278 Super Solv | 100 | 97.54 | <input checked="" type="checkbox"/> | | |
| Calgon Corporation | Geo Guard 5210 | 100 | 52.59 | <input type="checkbox"/> | | |
| Fine Organic Corporation | FO 2085 M | 5 | 97.40 | <input checked="" type="checkbox"/> | | |
| Oakite Products | Fisan Versaclean | 5 | 99.72 | <input checked="" type="checkbox"/> | | |
| Calgon Corporation | Geo Guard 4017 | 5 | 100.41 | <input checked="" type="checkbox"/> | | |
| Today & Beyond | Beyond 2002 | 5 | 99.75 | <input checked="" type="checkbox"/> | | |
| Today & Beyond | Beyond 2006 | 5 | 97.37 | <input checked="" type="checkbox"/> | | |

Conclusion: All of the cleaners EXCEPT Geoguard 5210 were effective.