

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 09/27/2002

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 120 F water (tap)
 Drying: 1 min with heat gun @ 500F
 Contaminant: Formax Manufacturing Corp, F-26 grease stick polishing lubricant (solid)
 CAS# 68815-16-7 Saponified stearic
 67701-27-3 Hydrofol glycerine
 64742-52-5 Mineral oil
 102-71-6 Emulsifying agent

Results:

Summary:

| Substrates: | | Stainless Steel | | | | |
|---------------------------|----------------------------------|-----------------|-------------|-------------------------------------|---------------|--|
| Contaminants: | | Greases | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: | |
| EcoLink | Bulldog | 5 | 98.05 | <input checked="" type="checkbox"/> | | |
| Innovative Organics Inc | Amberclean Q3 | 5 | 99.43 | <input checked="" type="checkbox"/> | | |
| AG Environmental Products | Soy Clear 1500 | 100 | 78.63 | <input type="checkbox"/> | | |
| AG Environmental Products | Canola Gold CE110 | 100 | 83.70 | <input type="checkbox"/> | | |
| Phase III Inc | California Parts Washer Solution | 5 | 99.26 | <input checked="" type="checkbox"/> | | |
| PCI of America | Hurrisafe 9575 | 5 | 98.21 | <input checked="" type="checkbox"/> | | |

Conclusion: