

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 10/07/2002
 Experimenters: Heidi Wilcox
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Stainless Steel
 PartType: Coupon
 Contaminants: Inks
 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.
 Degassing: Degassing the solution by keeping solutions in ultrasonic crest for 5 min at 120 F.
 Cleaning: Ultrasonic for 2 min. at 120 F.
 Rinsing: 1/2 min. manual with water at 120 F.
 Drying: 1 min with heat gun @ 500F
 Contaminant: ITW, Dykem Corp, Ink, Steel Blue - DX - 100
 CAS#'s 64175, 123864, 71363, 9004700, 67630, 8004873

Results:

Summary:

| | | | | | | |
|---------------------------|----------------------------------|-----------------|--------------------|--------------------------|----------------------|--|
| Substrates: | | Stainless Steel | | | | |
| Contaminants: | | Inks | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: | |
| EcoLink | Bulldog | 5 | -6.40 | <input type="checkbox"/> | | |
| Innovative Organics Inc | Amberclean Q3 | 5 | -20.24 | <input type="checkbox"/> | | |
| AG Environmental Products | Soy Clear 1500 | 100 | -5.95 | <input type="checkbox"/> | | |
| AG Environmental Products | Canola Gold CE110 | 100 | -3.80 | <input type="checkbox"/> | | |
| Phase III Inc | California Parts Washer Solution | 5 | 22.70 | <input type="checkbox"/> | | |
| PCI of America | Hurrisafe 9575 | 5 | 39.52 | <input type="checkbox"/> | | |

Conclusion: