

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 10/31/2007

Experimenters: Shweta Bansal

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants: Oil

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 Soak 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 Oil Speedfam
Substrate 2"x 4"x 0.06" Aluminum Coupons

Results:

Summary:

| | | | | | |
|---------------------------|----------------------------------|---------------|--------------------|-------------------------------------|----------------------|
| Substrates: | Aluminum | | | | |
| Contaminants: | Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Phase III Inc | California Parts Washer Solution | 5 | 94.67 | <input checked="" type="checkbox"/> | |
| Warren Chemical Company | Sea Wash Blue | 5 | 98.41 | <input checked="" type="checkbox"/> | |
| AG Environmental Products | Soy Gold 2000 | 5 | 96.98 | <input checked="" type="checkbox"/> | |
| Brulin Corporation | Aquavantage 1400 | 5 | 100.13 | <input checked="" type="checkbox"/> | |

Conclusion: