

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004
 DateRun: 05/26/2004
 Experimenters: Dave Hout
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum
 PartType: Coupon
 Contaminants: Waxes
 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. Two products were used at full strength and six products were heated to 130 F on a hot plate. Twenty-one preweighed coupons were coated with Aremco Crystal bond 509 and allowed to dry for a half an hour and reweighed.

Results:

Summary:

| | | | | | |
|------------------------------|----------------------------|---------------|--------------------|--------------------------|----------------------|
| Substrates: | Aluminum | | | | |
| Contaminants: | Waxes | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Buckeye International | XL 100 Cleaner & Degreaser | 5 | 56.06 | <input type="checkbox"/> | |
| Kyzen Corporation | Ionox HC | 100 | 44.74 | <input type="checkbox"/> | |
| Nensco | DT 600 Press Wash | 5 | -3.52 | <input type="checkbox"/> | |
| Nensco | USA Wash | 100 | 0.18 | <input type="checkbox"/> | |
| SOQ Environmental Technology | Ecomate FN | 5 | -0.54 | <input type="checkbox"/> | |
| US Polychem Corporation | Polychem A 2000 P | 5 | -0.45 | <input type="checkbox"/> | |

Conclusion: All products were ineffective at removing the contaminants.