

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004
 DateRun: 07/05/2004
 Experimenters: Heidi Wilcox
 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 cleaning at 96 F with stir-bar agitation.
 NO Rinsing
 Drying: 30 sec. Air blow off using hose
 Contaminant:
 OIL - Soltex Polyisobutylene cas# 9003-24-6
 Substrate 2 " x 2" aluminum coupons

Results:

Summary:

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|----------------------|---------------------------------|---------------|--------------------|-------------------------------------|----------------------|
| Substrates: | Aluminum | | | | |
| Contaminants: | Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Petroferm Inc | Lenium CP (no longer available) | 100 | 41.17 | <input type="checkbox"/> | |
| Petroferm Inc | Lenium ES | 100 | 99.69 | <input checked="" type="checkbox"/> | |
| Invista S.a.r.l | Flexisolv DBE 6 ester | 100 | 100.24 | <input checked="" type="checkbox"/> | |

Conclusion: Lenium CP, the NPB/HFE mix was not effective.