

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/16/2002

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Lubricating/Lapping Oils

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 102 F water (tap)
Drying: 1 min with heat gun @ 500F
Contaminant: ITW Devcon, Safetap Stick - 71907 (Solid Grinding Lube)
CAS# NONE - Plant based lube

Results:

Summary:

| Substrates: | | Stainless Steel | | | |
|------------------------------------|-------------------------------|--------------------------|-------------|-------------------------------------|---------------|
| Contaminants: | | Lubricating/Lapping Oils | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Kleer Flo Company | Grease Off 2 | 5 | 100.40 | <input checked="" type="checkbox"/> | |
| Valtech Corporation | Valtron SP 2201 | 5 | 92.30 | <input checked="" type="checkbox"/> | |
| Valtech Corporation | Valtron SP 2200 | 5 | 96.73 | <input checked="" type="checkbox"/> | |
| International Products Corporation | LF 2100 (Liquid Foam Cleaner) | 5 | 69.94 | <input type="checkbox"/> | |
| US Polychem Corporation | Polychem PW 147 | 5 | 96.75 | <input checked="" type="checkbox"/> | |

Conclusion: Four of the five cleaners used were effective.