

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001
 DateRun: 01/16/2001
 Experimenters: John Brunelle
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum
 PartType: Coupon
 Contaminants: Fluxes, Greases, Lubricating/Lapping Oils, 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.
 Laboratory evaluation.
 Contaminant: Flux, Kester 1544 Rosin, CAS: 64-17-5, 78-92-2, 8050-09-7
 Grease, KSL 111, CAS: 64742-47-8
 Lubricant, CAS: 8052-42-4, 64742-57-0, 64742-62-7
 Oil, Hydraulic, CAS: 64742-65-0

Results:

Summary:

| Substrates: | Aluminum | | | | |
|-----------------------------|--|--------|-------------|-------------------------------------|---------------|
| Contaminants: | Fluxes, Greases, Lubricating/Lapping Oils, Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Emkay Chemical Company | Safety Wash CRC | 5 | 58.33 | <input type="checkbox"/> | flux |
| Emkay Chemical Company | Safety Wash CRC | 5 | 78.70 | <input type="checkbox"/> | grease |
| Emkay Chemical Company | Safety Wash CRC | 5 | 60.43 | <input type="checkbox"/> | lubricant |
| Emkay Chemical Company | Safety Wash CRC | 5 | 87.77 | <input checked="" type="checkbox"/> | oil |
| Magnum Research Corporation | Aluminum Aerowash | 7 | 99.55 | <input checked="" type="checkbox"/> | flux |
| Magnum Research Corporation | Aluminum Aerowash | 7 | 49.82 | <input type="checkbox"/> | lubricant |
| Magnum Research Corporation | Aluminum Aerowash | 7 | 94.13 | <input checked="" type="checkbox"/> | oil |

Conclusion: