CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001

DateRun: 01/15/2001

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	☐	flux
Emkay Chemical Company	Safety Wash CRC	5	78.70	☐	grease
Emkay Chemical Company	Safety Wash CRC	5	60.43	☐	lubricant
Emkay Chemical Company	Safety Wash CRC	5	87.77	☑	oil
Magnum Research Corporation	Aluminum Aerowash	7	99.55	☑	flux
Magnum Research Corporation	Aluminum Aerowash	7	49.82	☐	lubricant
Magnum Research Corporation	Aluminum Aerowash	7	94.13	☑	oil

Conclusion: