

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	<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: