

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 10/02/2000

Experimenters: John Brunelle

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Stainless Steel

PartType: Coupon

Contaminants: Cutting/Tapping Fluids, Fluxes, Greases, 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.
Laboratory evaluation.
Contaminant: Flux, Ersin 5831 RMA, CAS: 67-56-1, 8050-09-7, 67-63-0
Lubricant, CAS: 8052-42-4, 64742-57-0, 64742-62-7
Grease, CAS: 64742-47-8
Cutting Fluid, Tap Magic, CAS: 112-62-9

Results:

Summary:

Substrates:		Aluminum, Stainless Steel				
Contaminants:		Cutting/Tapping Fluids, Fluxes, Greases, Lubricating/Lapping Oils				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:	
Chem Free Corporation	SW-1 Ozzy Juice	100	21.62	<input type="checkbox"/>	flux	
Chem Free Corporation	SW-1 Ozzy Juice	100	13.55	<input type="checkbox"/>	lubricant	
Chem Free Corporation	SW-1 Ozzy Juice	100	81.82	<input type="checkbox"/>	oil	
Chem Free Corporation	SW-1 Ozzy Juice	100	68.30	<input type="checkbox"/>	grease	
Chem Free Corporation	SW-2 Heavy Grease Formula	100	19.82	<input type="checkbox"/>	flux	
Chem Free Corporation	SW-2 Heavy Grease Formula	100	-1.70	<input type="checkbox"/>	lubricant	
Chem Free Corporation	SW-2 Heavy Grease Formula	100	53.75	<input type="checkbox"/>	oil	
Chem Free Corporation	SW-2 Heavy Grease Formula	100	69.63	<input type="checkbox"/>	grease	
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	100	13.93	<input type="checkbox"/>	flux	
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	100	146.80	<input type="checkbox"/>	lubricant	
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	100	89.38	<input checked="" type="checkbox"/>	oil	
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	100	89.68	<input checked="" type="checkbox"/>	grease	

Conclusion: