

# 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:

<b>Substrates:</b>		Aluminum, Stainless Steel				
<b>Contaminants:</b>		Cutting/Tapping Fluids, Fluxes, Greases, Lubricating/Lapping Oils				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>	
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: