CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 10/01/2000

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	☐	flux
Chem Free Corporation	SW-1 Ozzy Juice	100	13.55	☐	lubricant
Chem Free Corporation	SW-1 Ozzy Juice	100	81.82	☐	oil
Chem Free Corporation	SW-1 Ozzy Juice	100	68.30	☐	grease
Chem Free Corporation	SW-2 Heavy Grease Formula	100	19.82	☐	flux
Chem Free Corporation	SW-2 Heavy Grease Formula	100	-1.70	☐	lubricant
Chem Free Corporation	SW-2 Heavy Grease Formula	100	53.75	☐	oil
Chem Free Corporation	SW-2 Heavy Grease Formula	100	69.63	☐	grease
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	100	13.93	☐	flux
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	100	146.80	☐	lubricant
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	100	89.38	☑	oil
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	100	89.68	☑	grease

Conclusion: