CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 11/06/2000

Experimenters: John Brunelle

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Nickel, Stainless Steel

PartType: Coupon

Contaminants: Buffing/Polishing Compounds, Coatings, Fluxes, Greases, 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: Coating, Tectyl Rust Preventative, CAS: 8052-41-3
Buffing compound, Norwell Manufacturing, CAS: 7429-90-5
Grease, KSL 111, CAS: 64742-47-8
Flux, Kester 1544 Rosin, CAS: 64-17-5, 78-92-2, 8050-09-7
Lubricant, Fluorocarbon Release, CAS: 79070-11-4
Oil, Hydraulic, CAS: 64742-65-0

Results:

Summary:

Substrates:	Aluminum, Brass, Copper, Nickel, Stainless Steel				
Contaminants:	Buffing/Polishing Compounds, Coatings, Fluxes, Greases, Oil				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Master Chemical Corporation	Trim Rinse 200	5	41.22	☐	lubricant
Master Chemical Corporation	Trim Rinse 200	5	56.19	☐	oil
Master Chemical Corporation	Trim Rinse 200	5	26.49	☐	grease
Master Chemical Corporation	Trim Rinse 200	5	33.63	☐	coating
Texo Corporation	Texolite 1734 XL	5	98.30	☑	oil
Texo Corporation	Texolite 1734 XL	5	103.94	☐	buffing compound
Texo Corporation	Texolite 1734 XL	5	19.60	☐	coating
Alconox Inc	Det-O-Jet	5	103.66	☐	flux
Alconox Inc	Det-O-Jet	5	23.15	☐	coating
Alconox Inc	Detergent 8	5	80.34	☐	oil
Alconox Inc	Detergent 8	5	101.38	☑	flux
Alconox Inc	Detergent 8	5	3.50	☐	coating

Conclusion: