CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	02/11/2002
Experimenters:	Purav Dave
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Stainless Steel
PartType:	Coupon
Contaminants:	Lubricating/Lapping Oils, Paints
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. Cleaning: 5 min. immersion cleaning with stir-bar agitation at 120 F. Rinsing: 1/2 min. manual with water at 120 F. Drying: 1 min. with heat gun at 500 F. Contaminant: 1. Coating: Paint-Nybco Designer colors - Contains-Toluene, xylene, acetone. 2. Oil: Nevastane- Safeguard 6- ELF-Lubricant, lubricating oil, Cas #: 64742-47-8, 8042-47-5, 9003-29-6.
Results:	

Summary:

Substrates:	Stainless Steel				
Contaminants:	Lubricating/Lapping Oils, Paints				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Abatement Technologies	Bio Might 100 Cleaner - Degreaser	5	1.97	☐	Contaminant: Paint
Chem Free Corporation	SW-2 Heavy Grease Formula	5	-1.20	☐	Contaminant: Paint
Chem Free Corporation	SW-3 Ozzy Juice (Improved Low Odor)	5	1.03	☐	Contaminant: Paint
Drummond America Corporation	Clout	5	-1.40	☐	Contaminant: Paint
Baum's Castorine Company Inc	EZE Oil-Grease Cleaner	5	89.51	☑	Contaminant: Oil
Chem Free Corporation	SW-1 Ozzy Juice	5	87.58	☑	Contaminant: oil

Conclusion: None of the cleaners were effective for the ink.