CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	01/23/2002
Experimenters:	Purav Dave
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Stainless Steel
PartType:	Coupon
Contaminants:	Abrasive, Paints, Waxes
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 at 120 F with mechanical agitation by means of air sparger. (Cleaning with D-greeze was carried out at room temperature). Rinsing: 1/2 min. manual with water at 120 F. Drying: 1 min. with heat gun at 500 F. Abrasive: Silicone - GE Silicones SM 2163 Silicone emulsion (112945-52-5) Paint - Nybco Designer Colors Satin finish 4660 Country Blue, Contains Toluene, Xylene, Acetone Wax - Stevenson Brothers and Co. Inc. Petroleum Paraffin wax
Results:	Except for wax coupons other were dried using heat gun. Coupons with wax were air dried.

Summary:

Substrates:	Stainless Steel				
Contaminants:	Abrasive, Paints, Waxes				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Transene Company, Inc.	D Greeze 1000	100	99.88	☑	Contaminant: Silicone
US Polychem Corporation	Polyspray Jet 790 C	5	98.14	☑	Contaminant: Silicone
Transene Company, Inc.	D Greeze 1000	100	7.13	☐	Contaminant: wax
Alconox Inc	Det-O-Jet	5	0.02	☐	Contaminant: wax
Turco Products Inc	Turco 5948 DPM	5	4.24	☐	Contaminant: paint
US Polychem Corporation	Polyspray Jet 790 C	5	1.72	☐	Contaminant: paint

Conclusion: