

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 04/10/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Lubricating/Lapping Oils

Cleaning Methods: Ultrasonics

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.
 Degasifying: cleaners were kept in ultrasonic tank for 5 min. at 120 F.
 Cleaning: 2 min. in ultrasonic at 120 F.
 Rinsing: 1/2 min. manual with water at 120 F.
 Drying: 1 min. with heat gun at 500 F.
 Lubricant - ITW fluid product group, Accu-Lube, PS 8 Spray Lubricant

Results:

Summary:

Substrates:		Stainless Steel				
Contaminants:		Lubricating/Lapping Oils				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:	
Sysco Corporation	Fryer & Grill Cleaner	5	92.59	<input checked="" type="checkbox"/>		
Transene Company, Inc.	D-Greeze GL 46	5	93.72	<input checked="" type="checkbox"/>		
Tech Spray Inc	Concentrated Aqueous Defluxer	5	90.59	<input checked="" type="checkbox"/>		
Chem Tech Solutions	Westech CT-4712	5	95.14	<input checked="" type="checkbox"/>		

Conclusion: All the cleaners were effective.