

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 03/28/2002
 Experimenters: Purav Dave
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Cold Rolled Steel
 PartType: Coupon
 Contaminants: Mold Releases
 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 stir-bar agitation.
 Rinsing: 1/2 min. manual with water at 120 F.
 Drying: 1 min. with heat gun at 500 F
 Contaminant: G. E. silicones: SM-2163, Silicone emulsion, CAS#: 112945-52-5

Results:

Summary:

Substrates:		Cold Rolled Steel			
Contaminants:		Mold Releases			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Sysco Corporation	Fryer & Grill Cleaner	5	99.99	<input checked="" type="checkbox"/>	
Tarksol Inc	SRKS 40	100	100.37	<input checked="" type="checkbox"/>	
Transene Company, Inc.	D-Greeze GL 46	5	93.22	<input checked="" type="checkbox"/>	
Tech Spray Inc	Concentrated Aqueous Defluxer	100	78.73	<input type="checkbox"/>	
Chem Tech Solutions	Westech CT 1550	100	102.17	<input checked="" type="checkbox"/>	
Chem Tech Solutions	Westech CT-4712	5	102.27	<input type="checkbox"/>	Reacted with the substrate but not as violently as steel

Conclusion: