

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: