CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/27/2002

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	☑	
Tarksol Inc	SRKS 40	100	100.37	☑	
Transene Company, Inc.	D-Greeze GL 46	5	93.22	☑	
Tech Spray Inc	Concentrated Aqueous Defluxer	100	78.73	☐	
Chem Tech Solutions	Westech CT 1550	100	102.17	☑	
Chem Tech Solutions	Westech CT-4712	5	102.27	☐	Reacted with the substrate but not as violently as steel

Conclusion: