CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 12/12/2007

Experimenters: Shweta Bansal

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Lubricating/Lapping Oils

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 minutes immersion Soak cleaning at 130 F with stir bar agitation.
Rinsing: Tap Water
Drying: 30 sec of Air blow off
Contaminant: Lubricant - Albavis 20
Substrate 2"x 4"x 0.06"
Stainless Steel Coupons

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Lubricating/Lapping Oils				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Chem Free Corporation	SW-1 Ozzy Juice	5	81.73	☐	
North Atlantic Bio Industries	NAB 9000	5	95.09	☑	
AGA Chemical	AK 225	5	76.04	☐	
New Pig Corporation	New Pig Degreaser	5	71.27	☐	
Enviro Tech International Inc	Ensolv	5	83.64	☐	
Warren Chemical Company	Sea Wash Blue	5	95.64	☑	
Gemtek Products	SC Aircraft & Metal Cleaner Super Concentrate	5	90.79	☑	

Conclusion: Three of the seven products removed over 90% of the lubricant using immersion cleaning.