

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 12/05/2007

Experimenters: Shweta Bansal

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.
Cleaning: 5 min. Ultrasonics
cleaning at 130 F with stir-bar agitation.
Rinsing with Tap Water
Drying: 30 sec Air blow off using hose and outlet on bench
Contaminant: STP Oil Treatment
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:
New Pig Corporation	New Pig Degreaser	5	74.97	<input type="checkbox"/>	
Gemtek Products	SC Aircraft & Metal Cleaner Super Concentrate	5	81.87	<input type="checkbox"/>	
Oakite Products	Inproclean 3800	5	66.23	<input type="checkbox"/>	
Warren Chemical Company	Sea Wash Blue	5	72.41	<input type="checkbox"/>	

Conclusion: