

# 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:**

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

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