

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999  
 DateRun: 08/12/1999  
 Experimenters: Nicole Vayo  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Aluminum, Copper, Nickel, Stainless Steel  
 PartType: Coupon  
 Contaminants: Buffing/Polishing Compounds, Coatings, Greases, Inks, Lubricating/Lapping Oils, Oil  
 Cleaning Methods: Immersion/Soak  
 Analytical Methods: Gravimetric, Visual  
 Purpose: Laboratory evaluations of alternative cleaning products  
 Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning. Laboratory evaluation.  
 Contaminant: Buffing compound, CAS: 64-56-1, 1314-13-2, 119-47-1, 8052-10-6  
 Coating, CAS: 64742-47-8, 64742-52-5  
 Grease, CAS: 64742-47-8  
 Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4  
 Lubricant, CAS: 64742-47-8, 9003-29-6  
 Oil, CAS: 64741-89-5

Results: Buffing observations: 1/2 hour, no change, 1 hour same

Summary:

<b>Substrates:</b>	Aluminum, Copper, Nickel, Stainless Steel				
<b>Contaminants:</b>	Buffing/Polishing Compounds, Coatings, Greases, Inks, Lubricating/Lapping Oils, Oil				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
New Pig Corporation	New Pig Degreaser	5	0.00	<input type="checkbox"/>	buffing, no change
New Pig Corporation	New Pig Degreaser	5	14.20	<input type="checkbox"/>	coating
New Pig Corporation	New Pig Degreaser	5	98.00	<input type="checkbox"/>	grease
New Pig Corporation	New Pig Degreaser	5	1.35	<input type="checkbox"/>	ink
New Pig Corporation	New Pig Degreaser	5	85.60	<input checked="" type="checkbox"/>	lubricant
New Pig Corporation	New Pig Degreaser	5	99.90	<input checked="" type="checkbox"/>	oil
New Pig Corporation	Hoofmark Industrial Degresaser	5	100.00	<input checked="" type="checkbox"/>	grease
New Pig Corporation	Hoofmark Industrial Degresaser	5	1.80	<input type="checkbox"/>	ink
New Pig Corporation	Hoofmark Industrial Degresaser	5	74.80	<input type="checkbox"/>	lubricant
New Pig Corporation	Hoofmark Industrial Degresaser	5	92.90	<input checked="" type="checkbox"/>	oil
New Pig Corporation	Hoofmark All Purpose Cleaner & Degreaser	5	90.60	<input checked="" type="checkbox"/>	grease
New Pig Corporation	Hoofmark All Purpose Cleaner & Degreaser	5	67.60	<input type="checkbox"/>	lubricant
New Pig Corporation	Hoofmark All Purpose Cleaner & Degreaser	5	60.98	<input type="checkbox"/>	oil

Conclusion: