

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 11/03/2000

Experimenters: Todd MacFadden

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Plastic, Stainless Steel, Steel, Titanium

PartType: Coupon

Contaminants: Greases, Lubricating/Lapping Oils, Oil

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.  
Laboratory evaluation.  
Contaminant: Oil, CAS: 64741-89-5, 64742-53-6, 64741-44-2  
Grease, Formax, CAS: 68815-16-7, 67701-27-3, 64742-52-5, 102-71-6  
Lubricant, Moly 23 Chain Lube CAS: 64742-47-8, 9003-29-6

## Results:

### Summary:

<b>Substrates:</b>	Aluminum, Plastic, Stainless Steel, Steel, Titanium				
<b>Contaminants:</b>	Greases, Lubricating/Lapping Oils, Oil				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
New Pig Corporation	Hoofmark Industrial Degresaser	5	90.97	<input checked="" type="checkbox"/>	cutting fluid
New Pig Corporation	Hoofmark Industrial Degresaser	5	95.58	<input checked="" type="checkbox"/>	lubricant
New Pig Corporation	Hoofmark Industrial Degresaser	5	99.01	<input checked="" type="checkbox"/>	grease
New Pig Corporation	Hoofmark Industrial Degresaser	5	98.06	<input checked="" type="checkbox"/>	grease
Bio Chem Systems	Bio T V 50	20	96.56	<input checked="" type="checkbox"/>	lubricant
Bio Chem Systems	Bio T V 50	20	84.37	<input type="checkbox"/>	cutting fluid
EcoLink	Universal Steam Cleaner	5	99.84	<input checked="" type="checkbox"/>	grease
EcoLink	Universal Steam Cleaner	5	64.84	<input type="checkbox"/>	cutting fluid
EcoLink	Universal Steam Cleaner	5	87.34	<input checked="" type="checkbox"/>	grease
Oakite Products	Oakite 77	4	99.03	<input checked="" type="checkbox"/>	cutting fluid

### Conclusion: