

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:

Substrates:	Aluminum, Plastic, Stainless Steel, Steel, Titanium				
Contaminants:	Greases, Lubricating/Lapping Oils, Oil				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
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: