CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 09/12/2007

Experimenters: Jason Marshall

ClientType: State Agency

ProjectNumber: Project #2

Substrates: Stainless Steel, Steel

PartType: Coupon

Contaminants: Lubricating/Lapping Oils

Cleaning Methods: Low Pressure Spray

Analytical Methods:

Purpose: To generate a list of alternatives for replacing high VOC cleaning solvent.

Experimental Procedure: Using the laboratory's on-line database for solvent cleaning substitution (www.cleanersolutions.org), the lab generated a list of projects for lubricant removal from steel or stainless steel surfaces using spray and wipe applications.

Results: The following products have been tested successfully for removing lubricants/oils from steel/stainless steel parts using spray/wipe cleaning applications.

Company	Product	Safety Score	Classification	Equipment
AG Environmental Products	Soy Gold 2000	47	Organic	Manual Wipe
AW Chesterton	278 Super Solv	37	Petroleum Distillate	Manual Wipe
Bio Chem Systems	Solsafe 245	37	Petroleum Distillate	Manual Wipe
Dynamold Solvents Inc	DS 108	37	Petroleum Distillate	Manual Wipe
Solvent Kleene Inc	D Greeze 500 LO	38	Organic	Manual Wipe
US Polychem Corp	Polyspray Jet790P	46	Alkaline Aqueous	L Pressure Spray
Ardrox Inc	6333	40	Caustic	L Pressure Spray
Calgon Corporation	AK 6215	35	Alkaline Aqueous	L Pressure Spray

Summary:

Substrates:	Stainless Steel, Steel				
Contaminants:	Lubricating/Lapping Oils				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
No Specific Vendor	Supplied alternatives list		0.00	☑	

Conclusion: Cleaning varies from case to case. The SSL recommends process specific testing on potential replacement cleaning chemicals. If more information is needed on a particular product, or you are interested in conducting cleaning trials, please contact the lab at (978)934-3133.