CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1998

DateRun: 02/25/1998

Experimenters: Jason Marshall

ClientType: TUR Agency

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Greases

Cleaning Methods:

Analytical Methods:

Purpose: Effective grease cleaning stainless steel trials

Experimental Procedure: QUESTION #: 1
SUBSTRATE MATERIAL: Stainless steel
QUESTION ASKED: What are some cleaners that can be used to remove heavy grease from stainless steel?

Results: RESPONSE/ANSWER: In 1998, the Massachusetts Toxics Use Reduction Institute (TURI) will publish the results of the tests conducted at the Institutes Surface Cleaning Laboratory (SCL) in a searchable database/spreadsheet format. This should make alternative cleaner selection faster and easier. Here are the results of your query, based on the information supplied:

SCL #	Substrate	Contaminant	Mechanism	Cleaner
97-538-07-3	SS	Grease	Immersion	Ecolink
97-538-07-3	SS	Grease	Immersion	Oakite
97-538-07-3	SS	Grease	Immersion	Solvent Kleene
97-548-04-2	SS	Grease	Spray	Alconox

Summary:

Substrates:	Stainless Steel
Contaminants:	Greases

Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
AG Environmental Products	Soy Gold 1000	0	0.00	☐	
AG Environmental Products	Soy Gold 2000	0	0.00	☐	
Warren Chemical Company	Sea Wash Neutral	0	0.00	☐	
Simple Green	Concentrated Industrial Strength Cleaner and Degreaser	0	0.00	☐	
Transene Company, Inc.	D Greeze 500 LO	0	0.00	☐	
Kyzen Corporation	Ionox FCR (For Comparison Only)	0	0.00	☐	
EcoLink	Safe Strip	0	0.00	☐	
Finger Lakes Chemical	FLSC-12 Resineater Sample	0	0.00	☐	
Gemtek Products	SC 1000 Aqueous Cleaner Concentrate	0	0.00	☐	
US Polychem Corporation	Polyspray Jet 790 XS	0	0.00	☐	
US Polychem Corporation	Polychem A 2000 XS	0	0.00	☐	
US Polychem Corporation	Polychem DEOX 007	0	0.00	☐	
Sky Products Company Inc	Cleaner #10	0	0.00	☐	
Buckeye International	Shopmaster	0	0.00	☐	
AW Chesterton	803 Industrial & Marine Solvent II	0	0.00	☐	
AW Chesterton	KPC 820 N	0	0.00	☐	

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Brulin Corporation	Formula 815 GD	0	0.00	☐	
Brulin Corporation	Brulin 63 G	0	0.00	☐	
Brulin Corporation	Compliance	0	0.00	☐	
Alconox Inc	Alcojet	0	0.00	☐	
Alconox Inc	Citranox	0	0.00	☐	
Magnaflux	Daraclean 283	0	0.00	☐	
Magnaflux	Daraclean 282 GF	0	0.00	☐	
Magnaflux	Daraclean 282	0	0.00	☐	
Magnaflux	Daraclean 235	0	0.00	☐	
Magnaflux	Daraclean 212	0	0.00	☐	
Calgon Corporation	AK 6215	0	0.00	☐	
Oakite Products	Fisan Versaclean	0	0.00	☐	
Oakite Products	Inproclean 1300	0	0.00	☐	
Oakite Products	Inproclean 2500	0	0.00	☐	
Oakite Products	Inproclean 3800	0	0.00	☐	
Oakite Products	Inproclean 4000 T	0	0.00	☐	
Bio Chem Systems	Bio T Max	0	0.00	☐	
Bio Chem Systems	Solsafe 245	0	0.00	☐	
Emkay Chemical Company	Safety Wash	0	0.00	☐	
Tarksol Inc	Tarksol HTF 85 B	0	0.00	☐	
Magnaflux	Daraclean 232	0	0.00	☐	
MacDermid Industrial Products	ND 17	0	0.00	☐	
MacDermid Industrial Products	ND Supreme	0	0.00	☐	
Carroll Company	Blue Gold Heavy Industrial Cleaner	0	0.00	☐	
Valtech Corporation	Valtron SP 2275	0	0.00	☐	
Magnaflux	Daraclean 211	0	0.00	☐	
Calgon Corporation	Geo Guard 2215	0	0.00	☐	
Man Gill Chemical Company	Gillite 0650 Cl	0	0.00	☐	
LPS Laboratories	Precision Clean Concentrate	0	0.00	☐	
Tarksol Inc	Tarksol HTF-50	0	0.00	☐	
Church & Dwight Co Inc.	Armakleen E 2002	0	0.00	☐	
Oakite Products	Inproclean 2000	0	0.00	☐	
Tarksol Inc	Tarksol HTF 321	0	0.00	☐	
Tarksol Inc	Tarksol HTF 60	0	0.00	☐	
Tarksol Inc	Tarksol HTF 10 B	0	0.00	☐	
Calgon Corporation	Geo Guard 3015	0	0.00	☐	
Cleaning Systems	Release	0	0.00	☐	
Calgon Corporation	Geo Guard 5210	0	0.00	☐	
Matchless Metal Polish Company	MC 580	0	0.00	☐	
Matchless Metal Polish Company	MC 132	0	0.00	☐	
Novamax Technologies Inc	Spectrum BCR	0	0.00	☐	
CSA Inc	Bio Safe 1023	0	0.00	☐	
CSA Inc	Bio Safe 1024	0	0.00	☐	
Dow Chemical Company	XUS 40571 Development Solvent	0	0.00	☐	
US Polychem Corporation	Product 69 MC	0	0.00	☐	

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Inland Technologies Inc	EP 921	0	0.00	☐	
EcoLink	2005	0	0.00	☐	
Delta Omega Technologies Ltd	DOT 111/113	0	0.00	☐	
Eastern Color and Chemical Company	Ecobrite Cleaner AK	0	0.00	☐	
Mirachem Corporation	Mirachem 500	0	0.00	☐	
Safety Kleen Corporation	Safety Kleen Aqueous Cleaner	0	0.00	☐	
Twin Rivers Technologies	Methyl Ester 1618	0	0.00	☐	
Armex Cleaning and Coating Removal Systems	Sodium Bicarbonate	0	0.00	☐	
Ardrox Inc	6333	0	0.00	☐	
Finger Lakes Chemical	1-1-02	0	0.00	☐	
Loctite Corporation	7360	0	0.00	☐	
Occidental Chemical Corporation	OXSOL 100	0	0.00	☐	
Dow Chemical Company	PnB Glycol Ether	0	0.00	☐	
Water	Water	0	0.00	☐	
Water	DI Water	0	0.00	☐	
Water	Steam	0	0.00	☐	
S & S Industrial Services	Spray Clean 400 T	0	0.00	☐	
Accurate Manufactured Products	Safety Layout Blue Remover	0	0.00	☐	
Safe CleanUp Solutions	Super Neutral	0	0.00	☐	
SWR Corporation	SWR One	0	0.00	☐	
Permatex Industrial Corporation	Natural Blue	0	0.00	☐	

Conclusion: Cleaning projects vary from case-to-case. These two trials were sent to OTA. To obtain more detailed information about any of the listed trials, have the SCL # ready when contacting the lab at (978)934-3133.