CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1998

DateRun: 03/03/1998

Experimenters: Jason Marshall

ClientType: State Highway Department

ProjectNumber: Project #1

Substrates: Aluminum, Galvinized Steel, Stainless Steel

PartType: Coupon

Contaminants: Cutting/Tapping Fluids, Greases, Lubricating/Lapping Oils, Dirt, Metal fines, Oil

Cleaning Methods:

Analytical Methods:

Purpose: List of alternative cleaning solutions

Experimental Procedure: QUESTION #: 1
SUBSTRATE MATERIAL: Stainless Steel, Galvanized Steel, Aluminum
QUESTION ASKED: Want to find a new cleaning solution to clean grease and oil from their automotive parts.

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
94-401-01-8	AL	Lubricant, Oil	Ultrasonics	WR Grace
96-425-01-2	SS	Oil	Immersion	Buckeye
96-425-01-2	SS	Oil	Immersion	Safety Kleen
96-428-01-2*	AL	Oil	Immersion	WR Grace
96-429-02-2*	Steel	Grease	Immersion	US Polychem
97-538-07-3	SS	Oil	Immersion	Ecolink

Summary:

Conclusion: Cleaning projects vary from case-to-case. These reports have been sent to client along with the MSDSs of the specific cleaners. To obtain more detailed information about any of the listed trials, have the SCL # ready when contacting the lab at (978)934-3133.