CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 06/27/2000

Experimenters: Jason Marshall

ClientType: Metal Working

ProjectNumber: Project #1

Substrates: Steel

PartType: Coupon

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

Cleaning Methods:

Analytical Methods:

Purpose: Information request

Experimental Procedure: SUBSTRATE MATERIAL: Steel Parts
REQUEST: Looking for a list of cleaners that can be used to remove machining fluid and metal chips from steel parts.

Results: RESPONSE: Using the lab's ALL TESTS Database, the query yielded the following information on successful laboratory tested cleaners:

SCL #	Substrate	Cont	Process	Manufacturer	Product	Classification
95-412-01-2	Steel	Oil	Immersion	Aw Chesterton	KPC 820 N	Alkaline Aqueous
95-412-01-2	Steel	Oil	Immersion	Calgon Corporation	Geo-guard 3015	Acidic Aqueous
95-412-01-2	Steel	Oil	Immersion	Cleaning Systems	Release	Alkaline Aqueous
95-412-01-2	Steel	Oil	Immersion	Oakite Products	Inproclean 3800	Alkaline Aqueous
96-429-02-2*	Steel	Oil	Immersion	Ardrox	6333	Alkaline Aqueous
96-429-02-2*	Steel	Oil	Immersion	Us Polychem	Polyspray Jet 790 Xs	Alkaline Aqueous
96-424-02-2	Steel	Oil	Immersion	Oakite Products	Inproclean 1300	Alkaline Aqueous
95-467-01-8	Steel	Oil	Immersion	Oakite Products	Inproclean 2500	Alkaline Powder
95-407-05-2	Steel	Oil	Immersion	Oakite Products	Inproclean 3800	Alkaline Aqueous
98-683-01-4	Steel	Oil	Immersion	Watson	Formula 7000	Alkaline Aqueous
99-6102-02-4	Steel	Oil	Immersion	Calgon Corporation	Geo-guard 2215	Alkaline Aqueous
99-6102-02-4	Steel	Oil	Immersion	Us Polychem	Polyspray Jet 790 P	Alkaline Aqueous
99-6102-02-4	Steel	Oil	Immersion	SWR Corp	SWR One	Alkaline Aqueous
99-6102-02-4	Steel	Oil	Immersion	Gemtek	SC Aircraft & Metal Cleaner	Alkaline Aqueous
99-6102-03-4	Steel	Oil	Immersion	US Polychem	Polyspray Jet 790 P	Alkaline Aqueous
99-6103-02-2	Steel	Oil	Immersion	Safe Cleanup	Super-neutral	Aqueous
99-6103-02-2	Steel	Oil	Immersion	Envirosolutions	Solsafe 245	Alcohol-aliphatic Hydrocarbon
99-6103-02-2	Steel	Oil	Immersion	AG Environmental	Soy Gold 2000	Soy Methyl Ester

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99-6103-02-2	Steel	Oil	Immersion	Gemtek	SC Aircraft & Metal Cleaner	Alkaline Aqueous
99-6103-03-4	Steel	Oil	Immersion	Forbest	Sea Wash 700	Neutral Aqueous
99-7102-04-4	Steel	Oil	Immersion	US Polychem	Polyspray Jet 790 P	Alkaline Aqueous
99-7102-04-4	Steel	Oil	Immersion	Calgon Corporation	Geo-guard 2215	Alkaline Aqueous
99-7102-04-4	Steel	Oil	Immersion	Oakite Products	Inproclean 3800	Alkaline Aqueous
00-7102-05-4	Steel	Oil	Immersion	Oakite Products	Inproclean 3800	Alkaline Aqueous

Summary:

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