

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004

DateRun: 07/07/2004

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Sterling/Silver

PartType: Coupon

Contaminants: Cutting/Tapping Fluids

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.
Cleaning: 5 min. immersion cleaning at 96 F with stir-bar agitation.
NO Rinsing
Drying: 30 sec. Air blow off using hose
Contaminant: Cutting Fluid - Houghton Intentional Cut -Max Cas# 64742-52-5, 64741-96-4
Substrate 2 "

Results:

Summary:

Substrates:	Sterling/Silver				
Contaminants:	Cutting/Tapping Fluids				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Petroferm Inc	Lenium CP (no longer available)	100	99.51	<input checked="" type="checkbox"/>	
Petroferm Inc	Lenium ES	100	99.75	<input checked="" type="checkbox"/>	
Invista S.a.r.l	Flexisolv DBE 6 ester	100	100.17	<input checked="" type="checkbox"/>	

Conclusion: All cleaners were effective.