

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004
 DateRun: 07/06/2004
 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.