



MOBILE OIL ANALYSIS REPORT

CONTAMINATION  
OIL CONDITION  
WEAR

**NORMAL**  
**NORMAL**  
**NORMAL**

Trane - Top Cover Press Hyd

Unit Make : SCHULER  
 Unit Model : TOP COVER  
 Comp Make : PRESS 5  
 Comp Model : {n/a}

Serial No : {n/a}  
 Cust. Ref No. : {n/a}  
 Stub No. : KL-M080250

Date Rec'd : Oct 20, 2005  
 Sample Date : Oct 7, 2005  
 Diagnostician : Doug Bogart

**RECOMMENDATION**

Resample at the next service interval to monitor.

Sample Date			09/14/05	Current	UOM
Time on Unit			7850	8130	hrs
Time on Oil			7850	8130	hrs
Time on Fltr			7850	280	hrs
Oil Maint.			not chg	not chg	---
Filter Maint.			n/a	changed	---

**CONTAMINATION**

There is no indication of any contamination in the component. The amount and size of particulates present in the system is acceptable.

Sample Date			09/14/05	Current	Abn
Silicon			0.8	1.0	---
Potassium			0.0	0.0	---
Water (%)			<0.1	<0.1	
>2µm			1327	389	---
>5µm			608	9	1300
>15µm			148	1	160
>25µm			42	0	
>50µm			3	0	
>100µm			0	0	
ISO 4406			16/14	10/7	17/14

**OIL CONDITION**

Oil Type: 650 GAL of MOBIL DTE 25  
 The condition of oil is suitable for further service.

Sample Date			09/14/05	Current	Base
Boron			0.7	0.3	
Barium			0.7	0.0	
Calcium			182	133	
Magnesium			2.3	1.5	
Molybdenum			0.5	0.3	
Phosphorus			683	573	
Sulfur			7420	6134	
Zinc			907	687	
Visc@40°C			49.52	48.98	46
Visc@100°C			---	---	7.0
TAN			1.25	1.24	

**WEAR**

All component wear rates are normal.

Sample Date			09/14/05	Current	Abn
Iron			1.4	0.2	---
Nickel			0.1	0.0	---
Chromium			0.0	0.0	---
Titanium			0.0	0.0	---
Copper			0.2	0.1	---
Aluminum			0.0	0.0	---
Tin			0.0	0.0	---
Lead			0.0	0.0	---
Silver			0.0	0.0	---