

# OIL ANALYSIS REPORT

 Trane Analysis  
 Route de Champagne  
 88130 Chames

 Email : [eploa@trane.com](mailto:eploa@trane.com)

The : 11/19/13

**UNIT INFORMATION :**

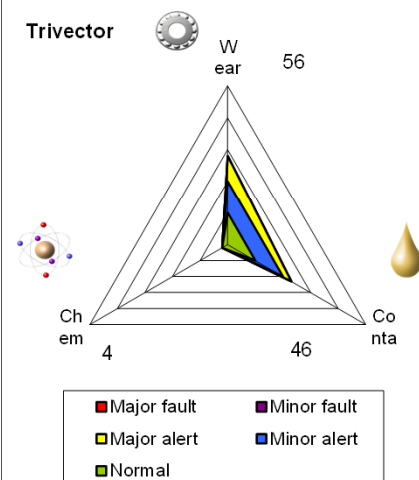
Unit serial number :	EKL1303	Order number :	
Circuit :	B	Comp serial number :	
Job site :	FN OLOMOUC	Technology comp :	SCREW
Unit model number :	ERTAB212	Refrigerant type :	R22
Compressor model number :		Oil type :	OIL0025E_0051E

**CUSTOMER INFORMATION :**

Customer :		Country :	CZECH_REPUBLIC
Contact :		City :	PRAGUE
Address :		Contact 1 :	Czechservice
		Email contact :	<a href="mailto:czech_service@trane.com">czech_service@trane.com</a>
		Commercial contact :	
		Commercial Email :	

**SAMPLE INFORMATION :**

	Last one	Previous analysis			
Sample identification :	151360				
Sequence code :	PROCESS_1				
Date taking of sample :	10/16/13				
Date reception Laboratory :	11/16/13				
Date of last oil change :					
Operating time (hours) :	18 008				
Number of starts :	6 449				

**Trivector**


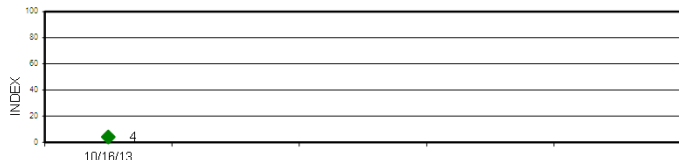
	Units :	Norms :				
<b>CHEMISTRY ANALYSIS :</b>						
<b>Chemical Index :</b>						
TAN (Total Acid Number) :	mg KOH/g	ASTM 974	4			
Viscosity 40°C (with degazing) :	cSt	ASTM D445	0			
Viscosity 100°C (with degazing) :	cSt	ASTM D445	65.2			
Viscosity index (VI) :			NA			
<b>CONTAMINATION ANALYSIS :</b>						
<b>Contamination Index :</b>						
Moisture (Karl Fisher method) :	ppm	ASTM D1533	46			
			65			
<b>SPECTROMETRIC ANALYSIS :</b>						
<b>Wear Index :</b>						
Boron	B	ppm	ASTM D2880	56		
Baryum	Ba	ppm	ASTM D2880	2		
Calcium	Ca	ppm	ASTM D2880	2		
Phosphor	P	ppm	ASTM D2880	0		
Zinc	Zn	ppm	ASTM D2880	915		
Aluminium	Al	ppm	ASTM D2880	0		
Chromium	Cr	ppm	ASTM D2880	5		
Copper	Cu	ppm	ASTM D2880	8		
Iron	Fe	ppm	ASTM D2880	12		
Molybdene	Mo	ppm	ASTM D2880	8		
Nickel	Ni	ppm	ASTM D2880	6		
Lead	Pb	ppm	ASTM D2880	8		
Tin	Sn	ppm	ASTM D2880	7		
Potassium	K	ppm	ASTM D2880	14		
Lithium	Li	ppm	ASTM D2880	4		
Sodium	Na	ppm	ASTM D2880	2		
Silicium	Si	ppm	ASTM D2880	1		
			ASTM D2880	5		

**OBSERVATIONS :**
**CHEMISTRY :**  
 The acidity level complies with the minimum value of the specification limit.

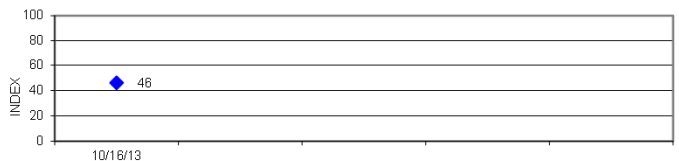
**CONTAMINATION :**  
 The moisture level complies with the specifications average value.

**WEAR :**  
 All values comply with the specification average values.

CHEMISTRY INDEX TREND

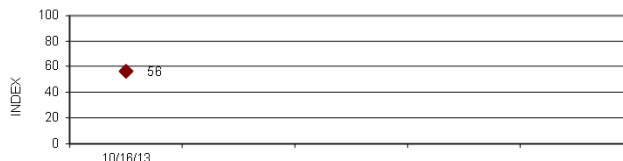


CONTAMINATION INDEX TREND


**RECOMMENDATION :**

The oil characteristics are satisfactory. Resample at manufacturer's recommended intervals for assessment.

WEAR INDEX TREND



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