LIEBHERR





[ZANCON FOUNDATIONS] LIEBHERR LB28 115549 - Kelly Wind

Sample No: LH0216131

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

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SAM	PLE INF	ORMATION		
Sample Number		LH0216131	 	
Sample Date		14 Feb 2024	 	
Machine Hours		6734	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OILC	ONDITION	ON		
Visc @ 40°C	cSt	196	 	
CON	TAMIN/	ATION		
Water	%	NEG	 	
0		^ -		

CONTAMINATION						
Water	%	NEG				
Silicon	ppm	4				
Sodium	ppm	3				
Potassium	ppm	2				
WEAR	METALS					
WEAR METALS						
PQ		72				

PQ		72	 	
Iron	ppm	203	 	
Copper	ppm	4	 	
Lead	ppm	○ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	2	 	
Molybdenum	ppm	0	 	
Nickel	ppm	2	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

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ADDITIVES						
Calcium	ppm	12				
Magnesium	ppm	3				
Zinc	ppm	63				
Phosphorus	ppm	1155				
Barium	ppm	0 <1				
Boron	ppm	1				



LIEBHERR CANADA LTD. 1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8 Contact: Steve Lehto

steve.lehto@liebherr.com T: (905)319-9222 F: (905)319-6617

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Iron ppm levels are abnormal. There is no indication of any contamination in the oil.

Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:LIEMISUnique No:5733535Signed:Kevin MarsonReport Date:21 Feb 2024

Contact/Location: Steve Lehto - LIEMIS

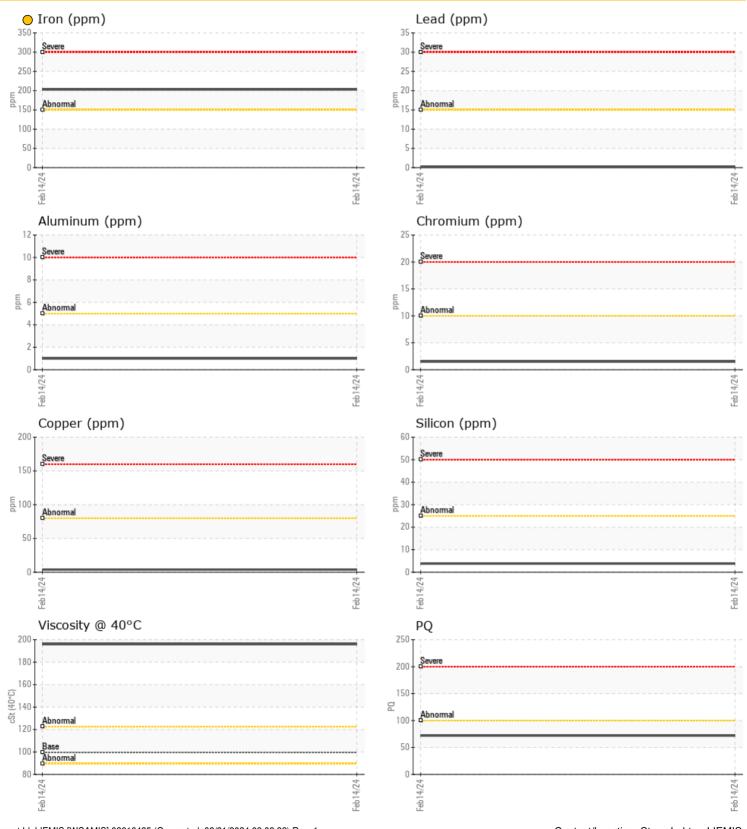
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CONSTRUCTION EQUIPMENT





GRAPHS



Report Id: LIEMIS [WCAMIS] 02616425 (Generated: 02/21/2024 08:02:32) Rev: 1

Contact/Location: Steve Lehto - LIEMIS