LIEBHERR

CONSTRUCTION EQUIPMENT

[ALLTERRA] LIEBHERR LH60M 65464 - Swing Drive

Sample No: LH0281198

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

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JSAN	IPLE INF	ORMATION			
Sample Number		LH0281198	LH0144867	LH	
Sample Date		18 Jan 2024	31 Jul 2019	22 May 2019	
Machine Hours		17608	15200	0	
Oil Hours		0	0	0	
Oil Changed		Not Changd	Changed	N/A	
Sample Status		NORMAL	NORMAL	NORMAL	
OIL	ONDIT	ON			
Visc @ 40°C	cSt	96.5	O 133	O 123	
CON	TAMIN	ATION			
Motor	0/	NEC	NEC	NEC	

CONTAMINATION						
Water	%	NEG	NEG	NEG		
Silicon	ppm	0 <1	O <1	O <1		
Sodium	ppm	1	O <1	1		
Potassium	ppm	85	O 157	188		

WEA	R METALS				
Iron	ppm	197	6 0	3 7	
Copper	ppm	284	O 54	30	
Lead	ppm	7	O 1	O <1	
Tin	ppm	5	O <1	0	
Aluminum	ppm	<1	0	O 0	
Chromium	ppm	 <1	O <1	O <1	
Molybdenum	ppm	0	O <1	<1	
Nickel	ppm	0 <1	O <1	O <1	
Titanium	ppm	0	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	 <1	O <1	<1	
Vanadium	ppm	0	0	0	

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ADDITIVES						
Calcium	ppm	12	O 19	16		
Magnesium	ppm	1	5	4		
Zinc	ppm	12	O 11	8		
Phosphorus	ppm	1164	○ 632	590		
Barium	ppm	0	O 0	0		
Boron	ppm	206	O 132	165		



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Diagnosis

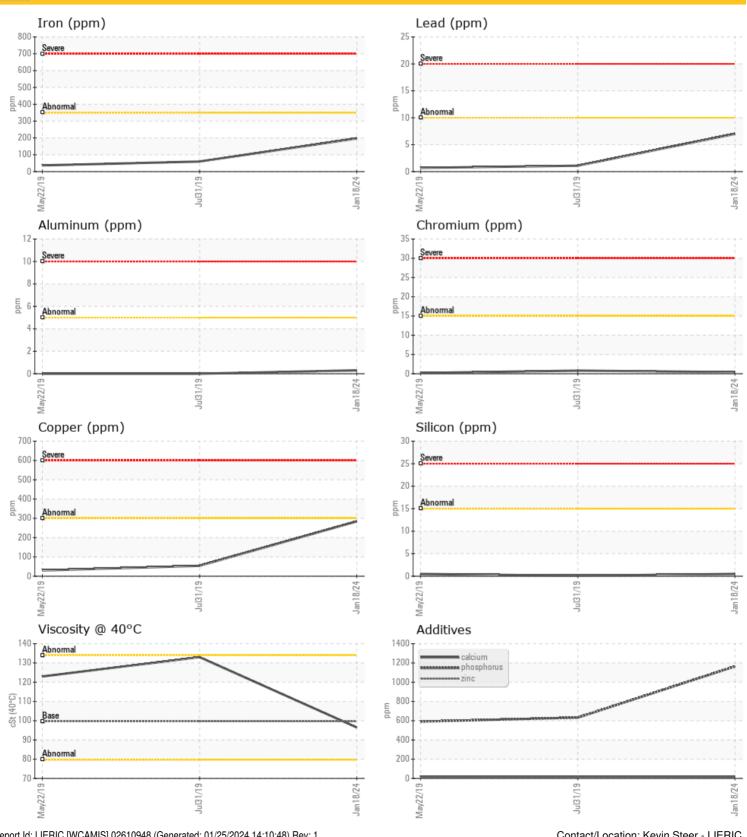
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIERICUnique No:5720043Signed:Kevin MarsonReport Date:25 Jan 2024





GRAPHS



Report Id: LIERIC [WCAMIS] 02610948 (Generated: 01/25/2024 14:10:48) Rev: 1

Contact/Location: Kevin Steer - LIERIC