# CONSTRUCTION EQUIPMENT

## [[50240195]] LIEBHERR LH60C 79580 - Swing Drive

PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample No: LH0269692

Oil Type:

### **SAMPLE INFORMATION**

	-				
Sample Number	LH0269692	LH0115938			
Sample Date	08 Feb 2024	16 Apr 2017			
Machine Hours	14010	0			
Oil Hours	0	0			
Oil Changed	Changed	Not Changd			
Sample Status	ABNORMAL	NORMAL			
Visc @ 40°C cSt	0 88.6	0 102			
- <b>L</b>					

CO	NTAMIN/	ATION		
Water	%	NEG	NEG	 
Silicon	ppm	0 16	0 2	 
Sodium	ppm	◯ <1	0	 
Potassium	maa	0 <1	$\bigcirc$ <1	 

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WEA	R METALS			
Iron	ppm	0 72	0 41	 
Copper	ppm	0 125	25	 
Lead	ppm	<b>3</b>	○ <1	 
Tin	ppm	<b>3</b>	01	 
Aluminum	ppm	<b>2</b>	○ <1	 
Chromium	ppm	<b>○</b> <1	○ <1	 
Molybdenum	ppm	<b>○</b> <1	○ <1	 
Nickel	ppm	<b>○</b> <1	0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	0	<1	 
Vanadium	ppm	0	0	 

ADDITIVESCalciumppm415224Magnesiumppm133

Magnesium	ppm	<b>O</b> 13	03	 	
Zinc	ppm	992	0 17	 	
Phosphorus	ppm	<b>903</b>	0 899	 	
Barium	ppm	0 🔘	○ <1	 	
Boron	ppm	10	0 123	 	



#### LIEBHERR CANADA LTD.

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#### Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.All component wear rates are normal. Free water present. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.

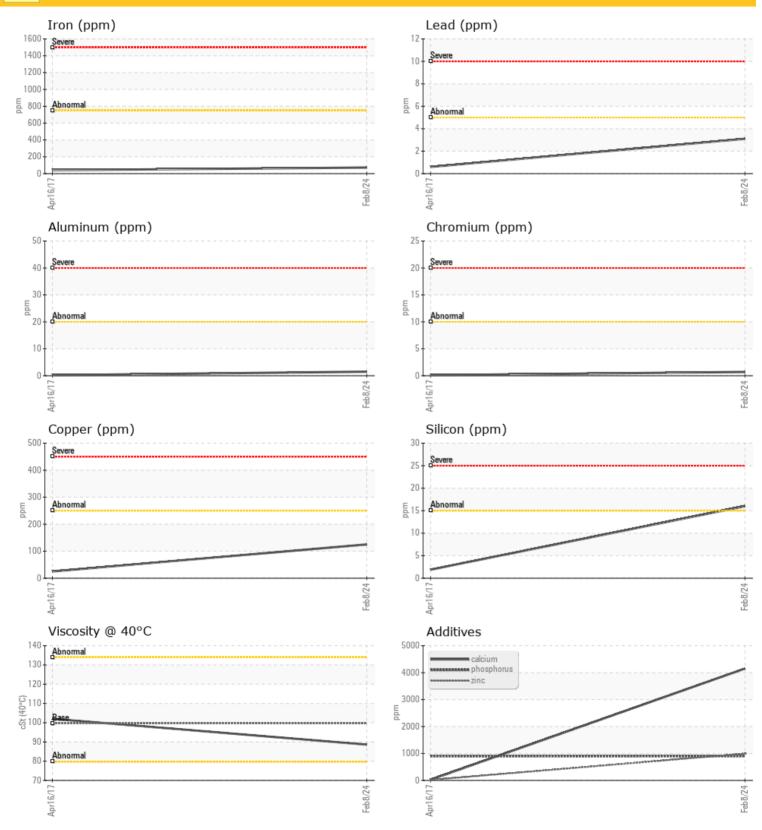
Depot:	LIESPR
Unique No:	5724189
Signed:	Kevin Marson
Report Date:	14 Feb 2024





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Report Id: LIESPR [WCAMIS] 02615094 (Generated: 02/14/2024 08:32:22) Rev: 1

Contact/Location: Rodney Budzak - LIESPR