E BHERR **CONSTRUCTION EQUIPMENT**



[EARTH BORING] LIEBHERR LB28 115607 - Swing Drive

Sample No: LH0286852

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	LH0286852	 	
Sample Date	13 Mar 2024	 	
Machine Hours	9668	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

OIL CONDITION 00 1

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CONTAMINATION					
Water	%	NEG			
Silicon	ppm	02			
Sodium	ppm	○ <1			
Potassium	ppm	○ <1			

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WEA WEA	R META	LS		
Iron	ppm	0 35	 	
Copper	ppm	○ <1	 	
Lead	ppm	0 🔘	 	
Tin	ppm	0	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	0 🔘	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0 🔘	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	0 16				
Magnesium	ppm	0 2				
Zinc	ppm	0 16				
Phosphorus	ppm	0 1270				
Barium	ppm	0 🔘				
Boron	ppm	0 312				



Liebherr Canada

140 - 21320 Gordon Way Richmond, BC CA V6W 1J8 Contact: Kevin Steer kevin.steer@liebherr.com T: F: (604)270-3254

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

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.

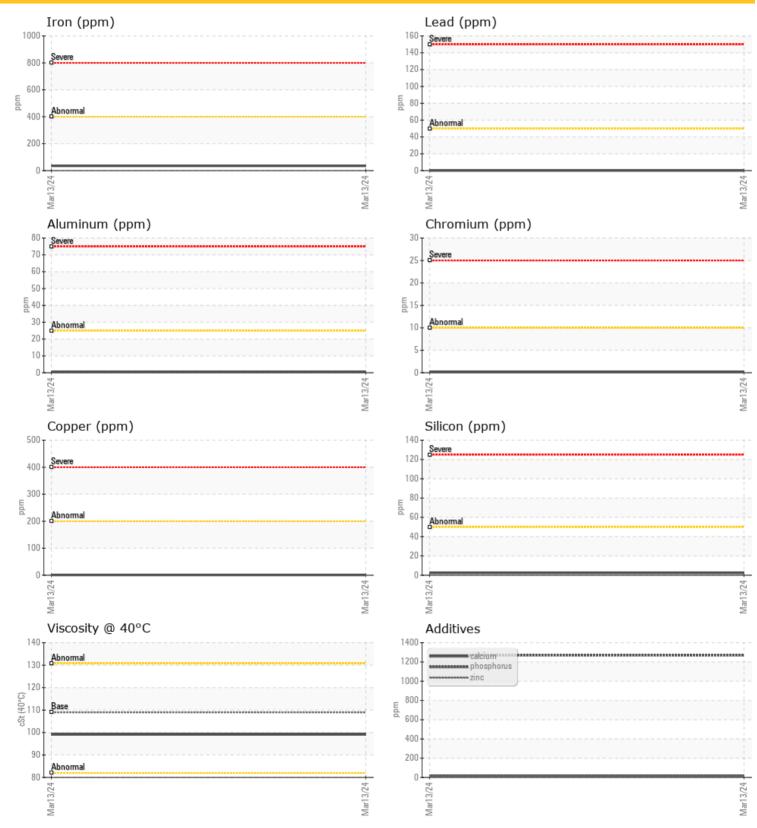
Depot:	LIERIC
Unique No:	5747212
Signed:	Wes Davis
Report Date:	14 Mar 2024





GRAPHS

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Report Id: LIERIC [WCAMIS] 02622093 (Generated: 03/14/2024 14:30:25) Rev: 1

Contact/Location: Kevin Steer - LIERIC