

LIEBHERR L580 071613-1760 - Rear Differential

Sample No: LH0292404

Oil Type: LIEBHERR GEAR BASIC 90 LS

Sample Information

Sample Number	LH0292404	LH0277088	
Sample Date	22 Jun 2024	14 Oct 2023	
Machine Hours	2202	1054	
Oil Hours	0	0	
Oil Changed	N/A	N/A	
Sample Status	NORMAL	NORMAL	

Oil C	onditio)n			
sc @ 40°C	cSt	185	0 194	 	

Contamination					
Water	%	NEG	NEG		
Silicon	ppm	0 10	○ 20		
Sodium	ppm	02	6		
Potassium	maa	0 <1	01		

Ä				
Wea	r Metals			
Iron	ppm	0 102	0 179	
Copper	ppm	0 47	0 143	
Lead	ppm	○ <1	0 4	
Tin	ppm	04	07	
Aluminum	ppm	<mark></mark> <1	0 1	
Chromium	ppm	01	0 2	
Molybdenum	ppm	0	0	
Nickel	ppm	○ <1	○ <1	
Titanium	ppm	0 🔘	0	
Silver	ppm	0	<1	
Manganese	ppm	19	43	
Vanadium	ppm	0	0	

0 **Additives** Calcium ppm 06 0 11 Magnesium ○ <1 ppm $\bigcirc 1$ 0 67 Zinc 0 41 ppm Phosphorus 0 2210 0 2265 ppm Barium ○ <1 ppm ○ <1 Boron ppm ○ <1 $\bigcirc 1$





BIRCH HILL CONSTRUCTION 11 MCELROY ST.

MONCTON, NB CA E1C 9T2 Contact: Service Manager

T: F:

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.

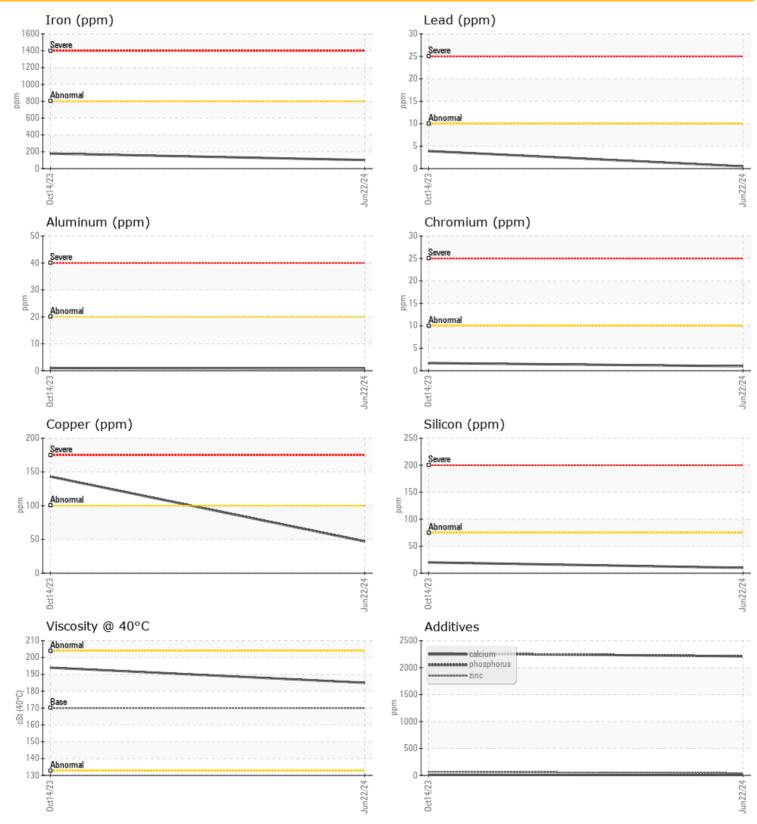
Depot: Unique No: Signed: **Report Date:**





Graphs

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Report Id: BIRMON [WCAMIS] 02644662 (Generated: 07/02/2024 14:11:35) Rev: 1