



LIEBHERR L586 21066 - Rear Right Wheel Hub

Sample No: LH0186874

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH0186874	LH0162861	
Sample Date	06 Jul 2023	09 May 2022	
Machine Hours	18165	0	
Oil Hours	0	0	
Oil Changed	Changed	N/A	
Sample Status	NORMAL	NORMAL	

OIL CONDITION

Visc @ 40°C

cSt 0 121

	ITAMIN/	TION		
Silicon	ppm	6	07	
Sodium	ppm	0 5	○ 5	
Potassium	ppm	04	6	

0 125

WEA	R METAI	LS		
PQ			23	
Iron	ppm	0 529	0 708	
Copper	ppm	57	○ 75	
Lead	ppm	0 2	3	
Tin	ppm	03	5	
Aluminum	ppm	0 2	0 2	
Chromium	ppm	04	○ 5	
Molybdenum	ppm	○ <1	01	
Nickel	ppm	0 2	3	
Titanium	ppm	4	5	
Silver	ppm	0	0	
Manganese	ppm	0 11	○ 15	
Vanadium	ppm	0	0	

0

ADDI	TIVES			
Calcium	ppm	54	26	
Magnesium	ppm	0 16	20	
Zinc	ppm	0 44	0 45	
Phosphorus	ppm	0 1861	2026	
Barium	ppm	○ <1	0	
Boron	ppm	88	0 108	



CLOUTHIER VENTURES LTD.

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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.

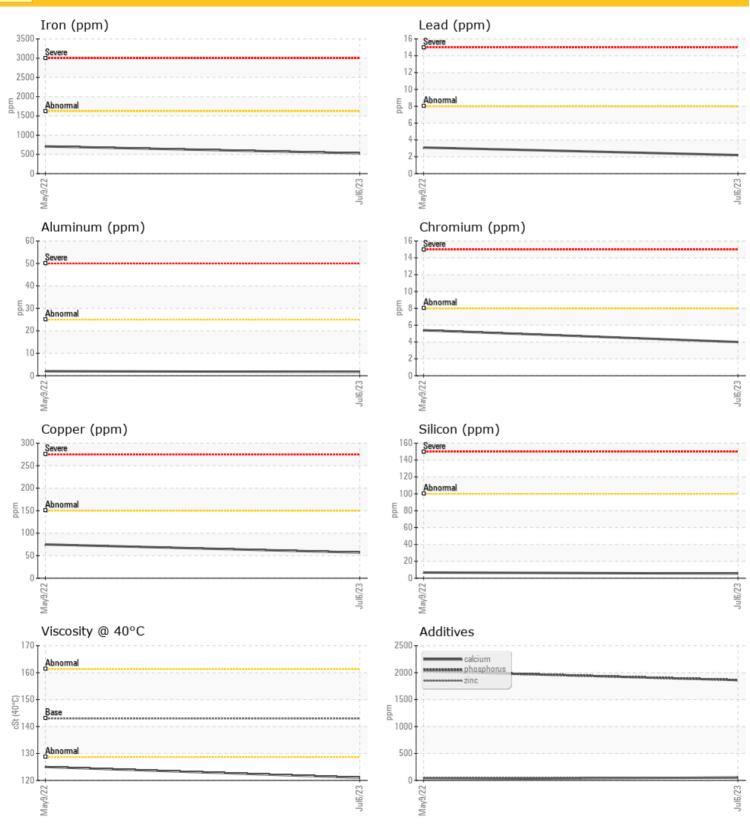
Depot:	CLOPEM
Unique No:	5607263
Signed:	Wes Davis
Report Date:	14 Jul 2023





GRAPHS

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Contact/Location: Travis Bennett - CLOPEM