



LIEBHERR L586 21066 - Rear Axle

Sample No: LH0186881

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH0186881	LH0162857	
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

Silicon	ppm	0 6	06		
Sodium	ppm	06	○ 5		
Potassium	ppm	05	6		

0 124

Ö w		16		
WE/	AR META	LS		
PQ			29	
Iron	ppm	0 651	○ 708	
Copper	ppm	071	○ 76	
Lead	ppm	3	03	
Tin	ppm	0 4	○ 5	
Aluminum	ppm	0 2	0 2	
Chromium	ppm	05	6	
Molybdenum	ppm	01	01	
Nickel	ppm	0 2	3	
Titanium	ppm	0 5	○ 5	
Silver	ppm	0	0	
Manganese	ppm	0 14	0 15	
Vanadium	ppm	0	0	

0

	DITIVES			
Calcium	ppm	26	27	
Magnesium	ppm	0 19	20	
Zinc	ppm	0 46	0 45	
Phosphorus	ppm	0 1937	2020	
Barium	ppm	◯ <1	0	
Boron	ppm	0 110	0 110	



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.

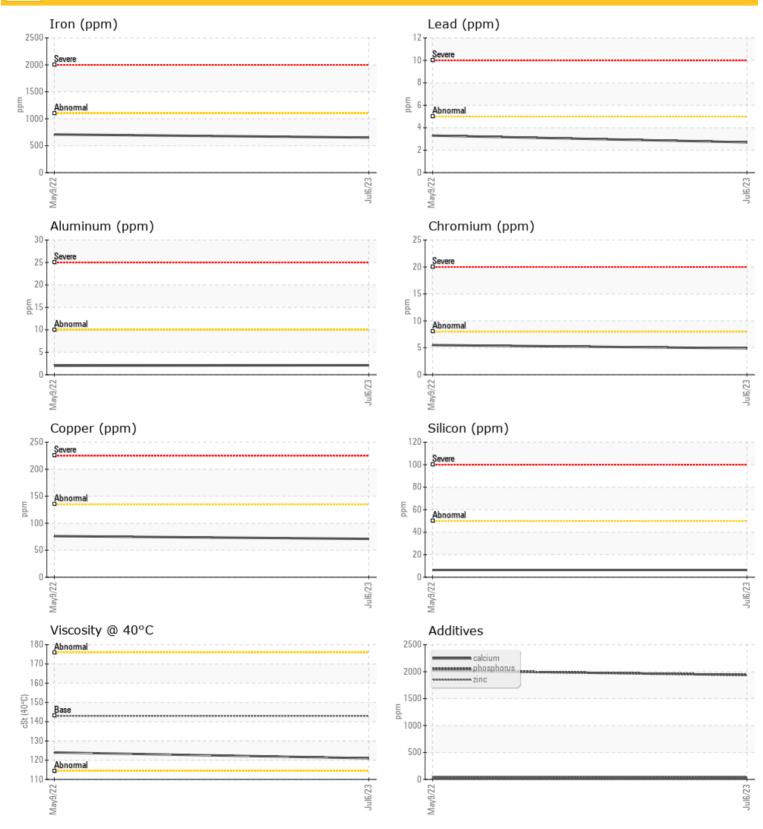
Depot:	CLOPEM
Unique No:	5607265
Signed:	Wes Davis
Report Date:	14 Jul 2023

CONSTRUCTION EQUIPMENT



GRAPHS

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Report Id: CLOPEM [WCAMIS] 02570219 (Generated: 07/14/2023 14:36:13) Rev: 1

Contact/Location: Travis Bennett - CLOPEM