

LIEBHERR LH50M 144587-1216 - Front Differential

Sample No: LH

Visc @ 4

- 1

Oil Type: GEAR OIL SAE 80W90

Sample Information

Sample Number	LH	LH	LH0250060	
Sample Date	17 Jun 2024	12 Dec 2023	23 Mar 2023	
Machine Hours	3191	2050	500	
Oil Hours	0	0	0	
Oil Changed	Changed	Changed	N/A	
Sample Status	NORMAL	NORMAL	NORMAL	

Oil Co	ndition		
0°C	cSt	185	178

Cont	aminati	on			
Water	%	NEG	NEG	NEG	
Silicon	ppm	<mark></mark> <1	01	3	
Sodium	ppm	01	2	3	
Potassium	ppm	0 ()	0 0	0	

0 173

Ä					
Wea	r Metals				
Iron	ppm	0 2	0 4	04	
Copper	ppm	07	0 27	8	
Lead	ppm	0	◯ <1	◯ <1	
Tin	ppm	0	0	0	
Aluminum	ppm	◯ <1	0	0	
Chromium	ppm	0 🔘	0	0	
Molybdenum	ppm	0 🔘	0	0	
Nickel	ppm	◯ <1	○ <1	0	
Titanium	ppm	0	0	0	
Silver	ppm	0	<1	0	
Manganese	ppm	0 🔘	0	◯ <1	
Vanadium	ppm	0	0	0	

0

	itives				
Calcium	ppm	03	0 14	9	
Magnesium	ppm	○ <1	○ <1	○ <1	
Zinc	ppm	06	0 15	8	
Phosphorus	ppm	0 2339	0 2222	0 1424	
Barium	ppm	○ <1	5	0 302	
Boron	ppm	○ <1	02	0 32	



Industrial Metals 550 Messier St. Winnipeg, MB

Winnipeg, MB CA R2J 0G5 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:
 IND550WIN

 Unique No:
 5800575

 Signed:
 Wes Davis

 Report Date:
 19 Jun 2024

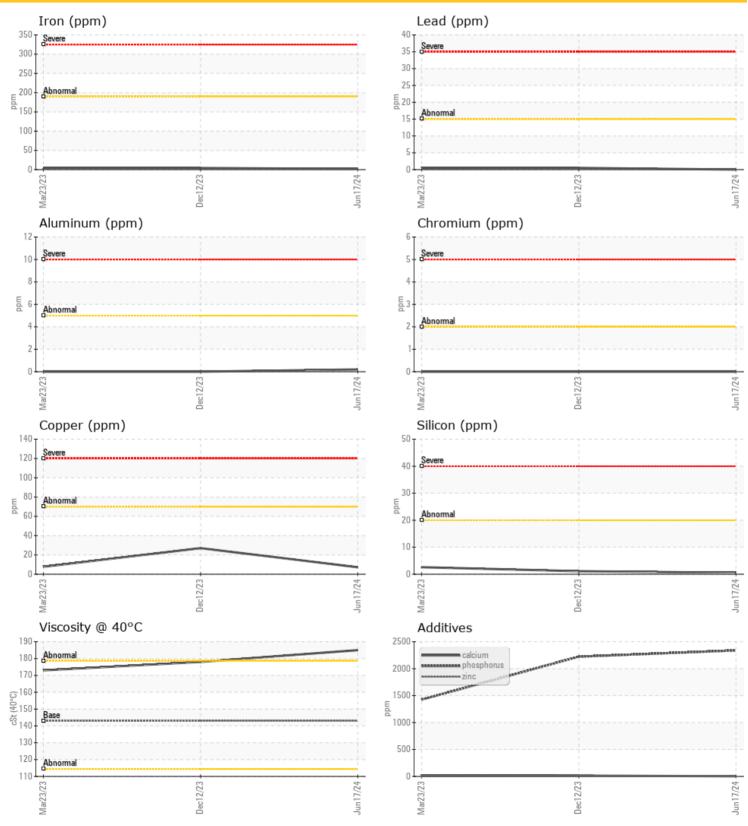
 Submitted By: Bastian Firmbach





Ø

Graphs



Report Id: IND550WIN [WCAMIS] 02643036 (Generated: 06/26/2024 08:09:37) Rev: 1

Submitted By: Bastian Firmbach