CONSTRUCTION EQUIPMENT

[(361220)] LIEBHERR LH50M 134706-1216 - Rear Left Wheel H

Sample No: LH

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH	LH	LH0250102	LH0242830
Sample Date	15 Feb 2024	12 Sep 2023	27 Mar 2023	31 Oct 2022
Machine Hours	5100	4000	2020	2020
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL
OIL CONDITIC	N			
Visc @ 40°C cSt	0 188	0 177	0 179	0 169

Water	%	NEG	NEG	NEG	NEG	
Silicon	ppm	0 5	○ 3	02	0 4	
Sodium	ppm	0 2	0 4	○ 5	0 4	
Potassium	ppm	○ <1	○ <1	0	○ <1	

WEAI	R METALS				
Iron	ppm	O 15	0 15	0 15	0 17
Copper	ppm	01	3	2	○ 6
Lead	ppm	0	0	○ <1	○ <1
Tin	ppm	0 0	0	0	0 ()
Aluminum	ppm	○ <1	○ <1	◯ <1	○ <1
Chromium	ppm	0 🔘	0	0	0 ()
Molybdenum	ppm	0	0	0	○ <1
Nickel	ppm	<mark>○</mark> <1	○ <1	○ <1	○ <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	○ <1	◯ <1	○ <1
Vanadium	ppm	0	0	0	0

ADDITIVES

ADDITIVES					
Calcium	ppm	09	20	34	91
Magnesium	ppm	03	○ <1	◯ <1	◯ <1
Zinc	ppm	08	9	0 14	24
Phosphorus	ppm	0 2319	2371	2497	2403
Barium	ppm	0	0	0	0
Boron	ppm	◯ <1	0 2	2	0 4



Industrial Metals 550 Messier St. 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:	5733873
Signed:	Wes Davis
Report Date:	20 Feb 2024

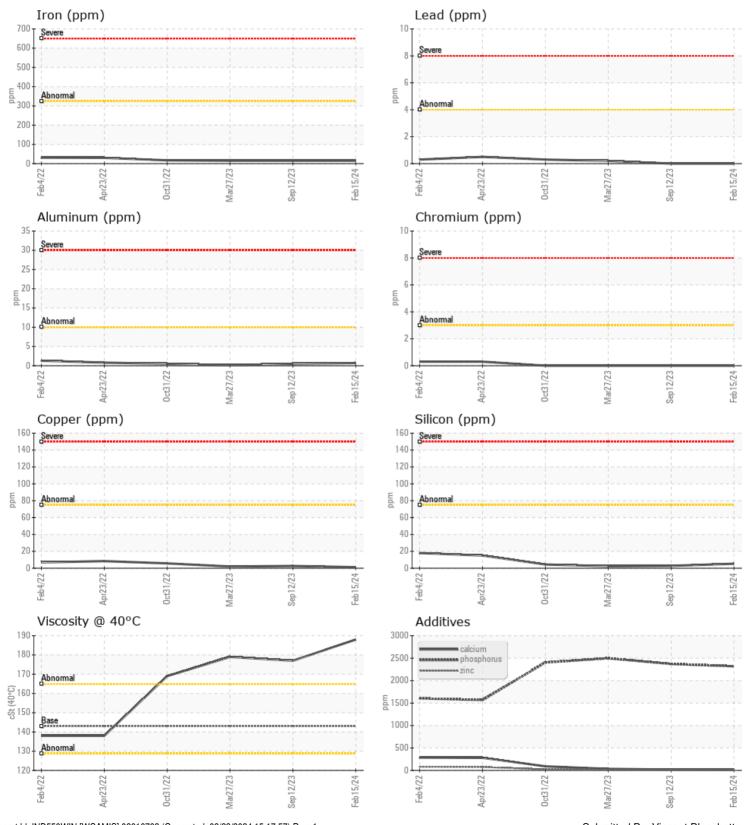
Submitted By: Vincent Blanchette





GRAPHS

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