LIEBHERR

CONSTRUCTION EQUIPMENT



[(363880)] LIEBHERR L550 064917-1756 - Rear Left Wheel Hi

Sample No: LH0279053

Oil Type: LIEBHERR GEAR BASIC 90 LS

5					
U SAN	APLE INF	ORMATION			
Sample Number	r	LH0279053	LH0261010	LH0235311	LH
Sample Date		22 Jan 2024	15 Jun 2023	14 Sep 2022	02 May 2022
Machine Hours		5982	4922	3114	0
Oil Hours		0	0	0	1986
Oil Changed		Changed	Changed	Changed	N/A
Sample Status		ABNORMAL	NORMAL	NORMAL	NORMAL
OIL	CONDITI	ON			
/isc @ 40°C	cSt	181	191	O 176	177
ada .					
CON	ITAMIN/	NOITA			
Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	8	5
Sodium	ppm	() <1	0 1	O 3	O 1

Dia	gr	105	sis
141-	1		

CA J0J 1Y0 Contact:

T: F:

We advise that you check for visible metal particles in the oil. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Moderate concentration of visible metal present. Bearing and/or bushing wear is indicated. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

ARMAND DUHAMEL et FILS INC.

ST-IGNACE-STANDBRIDGE, QC

778 RUE DE L'EGLISE

Potassium	ppm	○ <1	O 0	O 0	0
◎ WE/	AR META	LS			
Iron	ppm	0 87	6 1	O 122	○ 81
Copper	ppm	26	○ 34	97	O 42
Lead	ppm	() <1	O <1	O 2	O 1
Tin	ppm	2	2	4	2
Aluminum	ppm	0 <1	O <1	O <1	O <1
Chromium	ppm	O <1	O <1	O <1	O <1
Molybdenum	ppm	0	0 0	O 0	O 0
Nickel	ppm	O <1	O <1	O 1	O <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	O 2	7	4
Vanadium	ppm	0	0	0	0

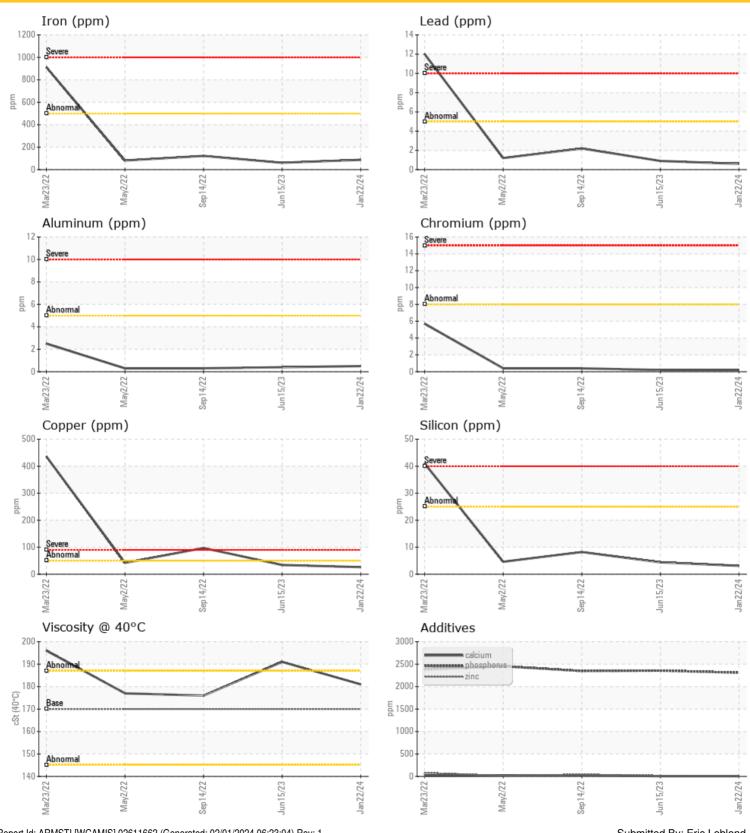
Vanadium	ppm	0	0	0	0	
ADE	DITIVES					
Calcium	ppm	4	O 4	26	2 4	
Magnesium	ppm	1	O <1	O 2	O <1	
Zinc	ppm	15	O 15	40	O 13	
Phosphorus	ppm	2309	O 2357	2347	O 2454	
Barium	ppm	<1	O	0	O	
Boron	ppm	O <1	0 <1	O 5	0 1	

Depot:ARMSTIUnique No:5720757Signed:Bill QuesnelReport Date:30 Jan 2024





GRAPHS



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Submitted By: Eric Leblond