

[(366972)] LIEBHERR LH50M 134369-1216 - Front Left Wheel

Sample No: LH0223783

Visc @

Oil Type: LIEBHERR GEAR BASIC 90 LS

Sample Information

Sample Number	LH0223783	LH	LH0119147	
Sample Date	14 Jul 2024	25 Mar 2023	14 Sep 2022	
Machine Hours	0	1905	861	
Oil Hours	0	0	0	
Oil Changed	N/A	N/A	Not Changd	
Sample Status	ABNORMAL	NORMAL	NORMAL	

Oil Co	ndition			
⊉ 40°C	cSt	0 173	0 172	140
₽ 40°C	cSt	0 173	0 172	140

Cor	ntaminati	on			
Water	%	NEG	NEG	NEG	
Silicon	ppm	0 13	0 6	6	
Sodium	ppm	0 11	6	2	
Potassium	ppm	0 2	01	01	

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Wea	r Metals				
Iron	ppm	0 118	39	26	
Copper	ppm	0 23	0 15	0 31	
Lead	ppm	○ <1	◯ <1	○ <1	
Tin	ppm	0 🔘	0	0	
Aluminum	ppm	0 2	0 1	○ <1	
Chromium	ppm	◯ <1	0	0	
Molybdenum	ppm	○ <1	0 2	0 4	
Nickel	ppm	◯ <1	○ <1	0	
Titanium	ppm	0	0	0	
Silver	ppm	<1	0	0	
Manganese	ppm	3	01	○ <1	
Vanadium	ppm	0	0	0	

0 **Additives** Calcium 76 ppm 0 101 43 Magnesium 01 ○ <1 ○ <1 ppm 0 51 Zinc 031 48 ppm 0 2092 0 2059 Phosphorus ppm 1209 Barium ○ <1 ppm $\bigcirc 0$ $\bigcirc 0$ Boron ppm 02 02 \bigcirc 3



9192-2443 QUEBEC INC. EQUIPEMENT REBP 175 PORTAGE DES MOUSSES PORT CARTIER, QC CA G5B 2V9 Contact: Service Manager

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Diagnosis

We advise that you check for visible metal particles in the oil. We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Moderate concentration of visible metal present. Gear wear is indicated. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

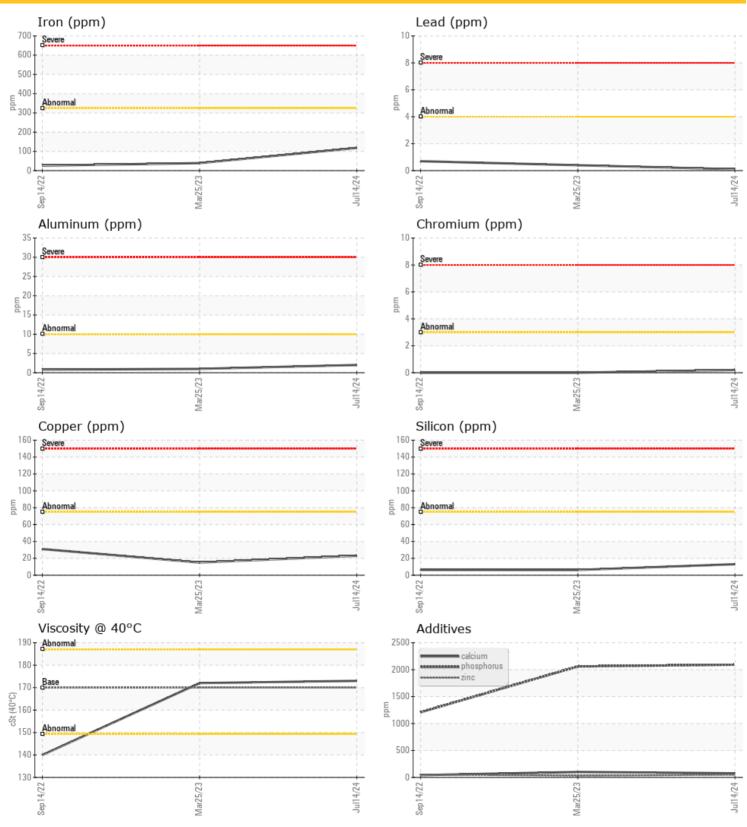
Depot: 919POR Unique No: 5813449 Signed: Kevin Marson Report Date: 17 Jul 2024 Submitted By: ?





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Graphs



Report Id: 919POR [WCAMIS] 02647897 (Generated: 07/22/2024 11:33:51) Rev: 1