31222 E **CONSTRUCTION EQUIPMENT**

[(353219)] LIEBHERR LH50M 129342-1216 - Front Right Whee

Sample No: LH0239970

Oil Type: TOTAL FINA TOTAL TRANSMISSION SYN NA 75W90

		rmation	11100000040		1110000010	
Sample Number		LH0239970	LH0208249	LH0208216	LH0208213	
Sample Date		05 Apr 2024	27 Dec 2022	27 Nov 2021	15 Sep 2021	HUBE
Machine Hours		12995	7800	2368	1000	474 R0
Oil Hours		0	0	0	0	BOIS-I
Oil Changed		Changed	Changed	Changed	Changed	CA J9 Contac
Sample Status		ABNORMAL	NORMAL	ABNORMAL	NORMAL	
						ericbris T:
Oil C	ondition	1				F:
Visc @ 40°C	cSt	0 114	82.6	59.1	0 84.8	1.
-		0		-	-	
Cont	aminati					Diag
						The of
Water	%	NEG	NEG	NEG	0.027	sampl
Silicon	ppm	0 12	0 32	20	78	recom
Sodium	ppm	07	2	2	9	monite
Potassium	ppm	03	○ <1	0 1	3	are ab densit
PQ		0 173				contar longer
Iron	ppm	O 359	62	0 308	396	abnor
Copper	ppm	0 10	0 13	0 41	0 61	
Lead	ppm	0	0 <1	01	03	
Tin	ppm	0	0	○ <1	0 <1	
Aluminum	ppm	02	02	03	07	
Chromium	ppm	01	0 <1	01	03	
Molybdenum	ppm	0 0	0 <1	<1	2	
Nickel Titanium	ppm		<1	○ <1 0		
Silver	ppm	0	0	<1	<1	
Manganese	ppm ppm	03	01	3	6	
Vanadium	ppm	0	0	0	<1	
	ppill	U	0	0		
Addi	tives					
Calcium	ppm	8	0 62	543	417	
Magnesium	ppm	0 2	0 4	9	4	
Zinc	ppm	0 16	145	428	246	
Phosphorus	ppm	0 1311	1223	799	1269	
Barium	ppm	0	0 0	0	0	
	PP	••	U U	·	-	



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)5 QC risebois @gmail.com

at the time of been noted. We n early resample to ondition. Iron ppm levels The low ferrous ndex indicates the wear re due to corrosion. dication of any in the oil. The oil is no able as a result of the or severe wear.

Depot: HUBBOI Unique No: 5761130 Signed: Kevin Marson **Report Date:** 10 Apr 2024

011

ppm

0 20

28

4

Boron

CONSTRUCTION EQUIPMENT



Ó Graphs Iron (ppm) Lead (ppm) 700 10 -Severe 600 8 500 E 300 400 ppm Abnorma Abnorma 4 200 2 100 0 0 Nov27/21 Dec27/22 Apr5/24 Dec27/22 Vov27/21 Apr5/24 Sep 15/21 Sep 15/21 Aluminum (ppm) Chromium (ppm) 35 10. S 30 8 25 6 20 법 15 ppm 4 Abnormal Abnormal 10 5 0. 0 Nov27/21 Nov27/21 Dec27/22 Apr5/24 Sep15/21 5/21 Dec27/22 vor5/24 Sep 1 Silicon (ppm) Copper (ppm) 160 160. Severe Severe 140 140 120 120 100 100 Md 80 Abnorma ud 80 A 60 60 40 40 20 20 0 Π Dec27/22. Dec27/22 Apr5/24 . Apr5/24 . Nov27/21 Nov27/21 5/2 Sep15/21 Sep1 PQ Viscosity @ 40°C 130-2000-Abnormal 120 110 1500 CSt (40°C) 06 (40°C) 08 05 Ab 문 1000· Abnormal 70 500 60 50 0. Apr5/24. Dec27/22 Vov27/21 Apr5/24 Apr5/24 15/2 Sep 1

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