CONSTRUCTION EQUIPMENT

[(353859)] LIEBHERR LH50M 132600-1216 - Front Right Whee

Sample No: LH0209268

Oil Type: IRVING HDH SAE 75W90

SAMPLE INFORMATION

Sample Number	LH0209268	LH	LH0223250	LH0209353		
Sample Date	09 Feb 2024	17 Nov 2023	10 Mar 2023	20 Jan 2022		
Machine Hours	13188	12032	8586	0		
Oil Hours	0	0	0	0		
Oil Changed	Changed	Changed	Changed	N/A		
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL		
Visc @ 40°C cSt	0 151	91.5	90.2	0 102		
11						

Water	%	NEG	NEG	NEG	NEG	
Silicon	ppm	07	07	5	0 12	
Sodium	ppm	0 2	01	0 1	0 4	
Potassium	ppm	01	01	○ <1	01	

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WEAK	R METALS				
Iron	ppm	93	57	23	94
Copper	ppm	07	0 17	04	0 22
Lead	ppm	0	0	0	○ <1
Tin	ppm	0	0	0	○ <1
Aluminum	ppm	○ <1	○ <1	○ <1	02
Chromium	ppm	0	0	0	○ <1
Molybdenum	ppm	0	0	0	02
Nickel	ppm	0	0	○ <1	○ <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	○ <1	3
Vanadium	ppm	0	0	0	0

0

ADDITIVES					
Calcium	ppm	2 0	0 47	◯ 59	63
Magnesium	ppm	○ <1	○ <1	◯ <1	01
Zinc	ppm	18	31	33	34
Phosphorus	ppm	1994	0 1041	0 1117	1296
Barium	ppm	0	0	0	0
Boron	ppm	42	0 155	0 146	78



HUBERT & FILS

474 ROUTE 105 BOIS-FRANC, QC CA J9E 3A9 Contact: Eric Brisebois ericbrisebois99@gmail.com T: F:

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot:	HUBBO
Unique No:	5750525
Signed:	Wes Da
Report Date:	28 Mar 2

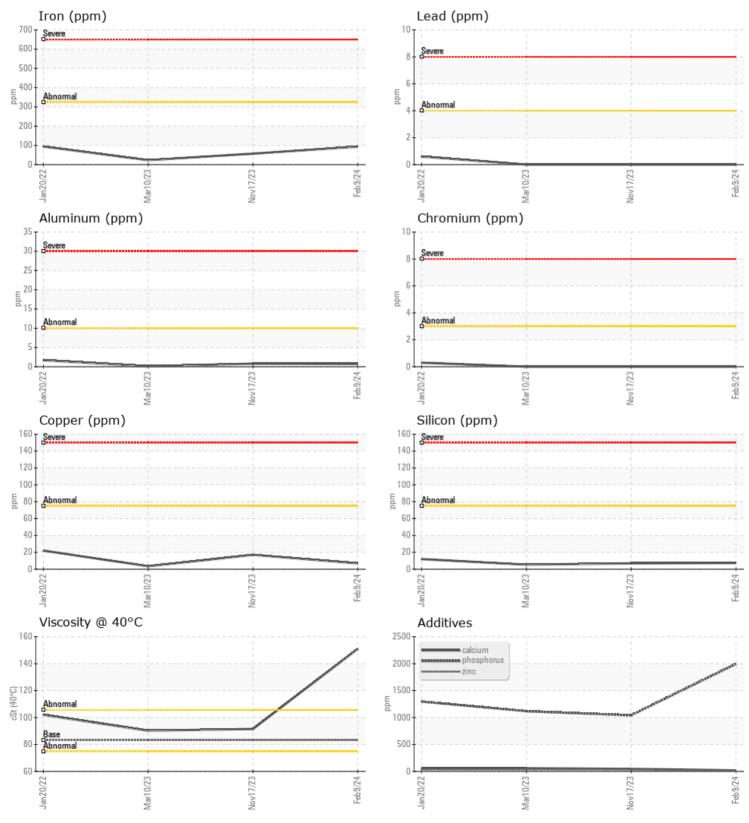
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