

LIEBHERR LH50M 138820-1216 - Rear Right Wheel Hub

Sample No: LH

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH	LH0260714	LH	
Sample Date	11 Dec 2023	26 May 2023	26 Mar 2023	
Machine Hours	2140	950	524	
Oil Hours	0	0	0	
Oil Changed	N/A	N/A	N/A	
Sample Status	NORMAL	NORMAL	NORMAL	
X				



Visc

L CONDITION	
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; @	40°C

cSt	0 177	0 169

	ITAMINA	TION			
Water	%	NEG	NEG	NEG	
Silicon	ppm	0 2	0 2	8 🔘	
Sodium	ppm	0 5	03	2	
Potassium	ppm	0 (○ <1	0 1	

0 141

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WE/	AR META	LS			
Iron	ppm	◯ 34	0 16	21	
Copper	ppm	0 16	○ 5	8 🔘	
Lead	ppm	() <1	0	◯ <1	
Tin	ppm	0	0	0	
Aluminum	ppm	○ <1	◯ <1	0	
Chromium	ppm	0	0	◯ <1	
Molybdenum	ppm	0	◯ <1	01	
Nickel	ppm	○ <1	○ <1	◯ <1	
Titanium	ppm	0	0	0	
Silver	ppm	<1	0	0	
Manganese	ppm	○ <1	○ <1	◯ <1	
Vanadium	ppm	0	0	0	

	DITIVES				
Calcium	ppm	2 6	84	257	
Magnesium	ppm	01	○ <1	◯ <1	
Zinc	ppm	0 21	0 19	51	
Phosphorus	ppm	2310	2700	0 1528	
Barium	ppm	○ <1	◯ <1	◯ <1	
Boron	ppm	3	○ 5	0 10	





D.P. Metal Inc.

373A Chemin Grande-Ligne Saint-Urbain Premier, QC CA JOS 1Y0 Contact: Service .

T: (450)427-0506 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.

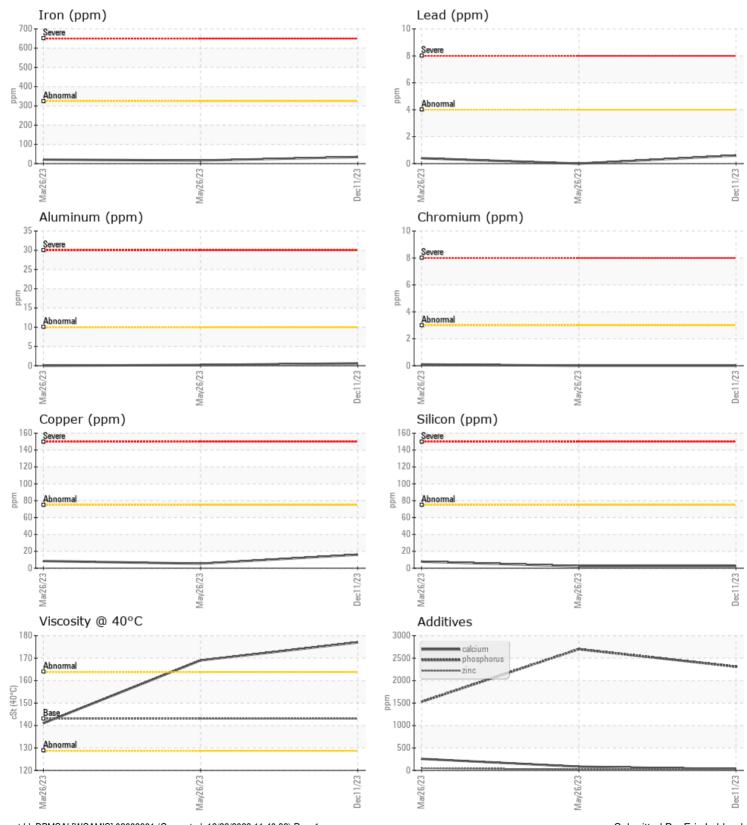
Depot:	DPMSAI
Unique No:	5696986
Signed:	Wes Davis
Report Date:	18 Dec 2023





GRAPHS

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Report Id: DPMSAI [WCAMIS] 02603901 (Generated: 12/23/2023 11:40:32) Rev: 1