CONSTRUCTION EQUIPMENT

[fondation beliveau] LIEBHERR LH40M 098208 - Rear Differe

Sample No: LH

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH	LH	
Sample Date	04 Mar 2024	29 Jun 2023	
Machine Hours	6970	6242	
Oil Hours	135	135	
Oil Changed	Not Changd	Not Changd	
Sample Status	NORMAL	NORMAL	
OIL CONDITION			
Visc @ 40°C cSt	0 192	0 192	

	NTAMINA	ATION		
Water	%	NEG	NEG	
Silicon	ppm	07	03	
Sodium	ppm	0 10	9	
Potassium	maa	01	\bigcirc <1	

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WEA	R METALS	5		
Iron	ppm	0 110	0 34	
Copper	ppm	0 83	0 55	
Lead	ppm	0 2	0 1	
Tin	ppm	0	00	
Aluminum	ppm	01	0 <1	
Chromium	ppm	◯ <1	○ <1	
Molybdenum	ppm	0	0	
Nickel	ppm	○ <1	0	
Titanium	ppm	0	0	
Silver	ppm	<1	0	
Manganese	ppm	02	◯ <1	
Vanadium	ppm	0	0	

ADDITIVES Calcium ppm 11 11 Magnesium ppm <1</td> 1 Zinc ppm 52 39

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Zinc	ppm	5 2	39	
Phosphorus	ppm	2280	2316	
Barium	ppm	○ <1	○ <1	
Boron	ppm	02	03	



LIEBHERR CANADA LTEE

444 AVENUE DE LA FRICHE DOLBEAU-MISTASSINI, QC CA G8L 3M7 Contact: Martin Gagnon martin.gagnon@liebherr.com T: F: (418)276-9844

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.

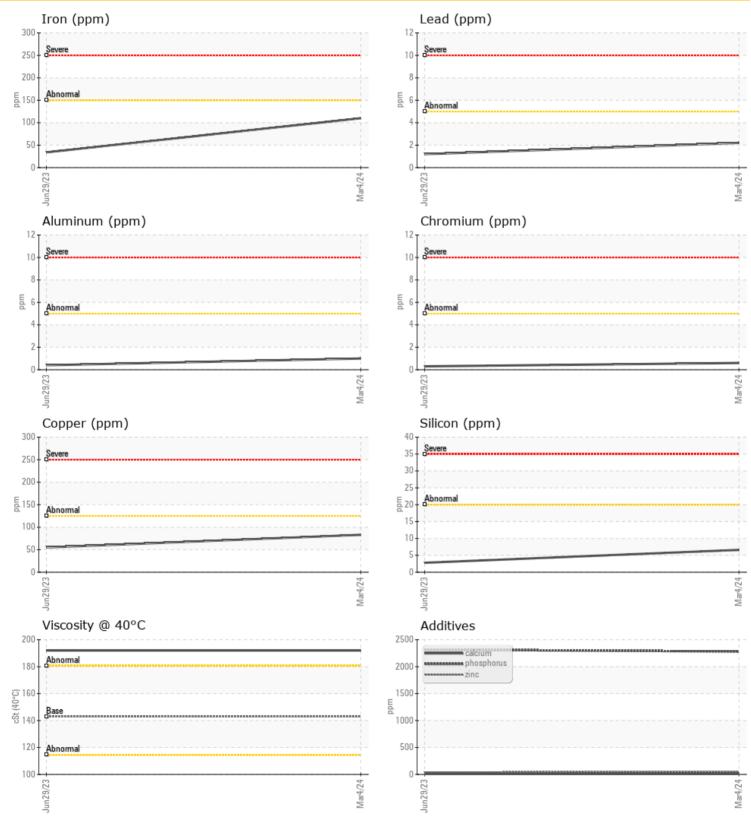
Depot:	LBADOL
Unique No:	5737107
Signed:	Wes Davis
Report Date:	05 Mar 2024





GRAPHS

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Report Id: LBADOL [WCAMIS] 02619997 (Generated: 03/05/2024 15:31:08) Rev: 1

Submitted By: Eric Leblond