

LIEBHERR LH50M 144587-1216 - Front Differential

Sample No: LH

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH	LH0250060	
Sample Date	12 Dec 2023	23 Mar 2023	
Machine Hours	2050	500	
Oil Hours	0	0	
Oil Changed	Changed	N/A	
Sample Status	NORMAL	NORMAL	

OIL CONDITION Visc @ 40°C cSt 173 --

CONTAMINATION Water % NEG NEG Silicon 3 ppm 01 Sodium 03 02 ppm Potassium 0 ppm $\bigcirc 0$

WEA	R METAL	S		
Iron	ppm	04	0 4	
Copper	ppm	0 27	08	
Lead	ppm	◯ <1	◯ <1	
Tin	ppm	0 ()	0	
Aluminum	ppm	0	0	
Chromium	ppm	0 ()	0	
Molybdenum	ppm	0	0	
Nickel	ppm	◯ <1	\bigcirc 0	
Titanium	ppm	0	0	
Silver	ppm	<1	0	
Manganese	ppm	0	◯ <1	
Vanadium	ppm	0	0	

٥ **ADDITIVES** Calcium 0 14 ppm 9 ○ <1 Magnesium ppm ○ <1 8 🔘 Zinc 0 15 ppm Phosphorus 0 1424 ppm 0 2222 Barium 05 0 302 ppm Boron 0 32 ppm 02





Industrial Metals 550 Messier St. Winnipeg, MB CA R2J 0G5 Contact: Service Manager

T: 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:	IND550WIN
Unique No:	5696369
Signed:	Wes Davis
Report Date:	14 Dec 2023

Report Id: IND550WIN [WCAMIS] 02603284 (Generated: 12/19/2023 15:58:22) Rev: 1

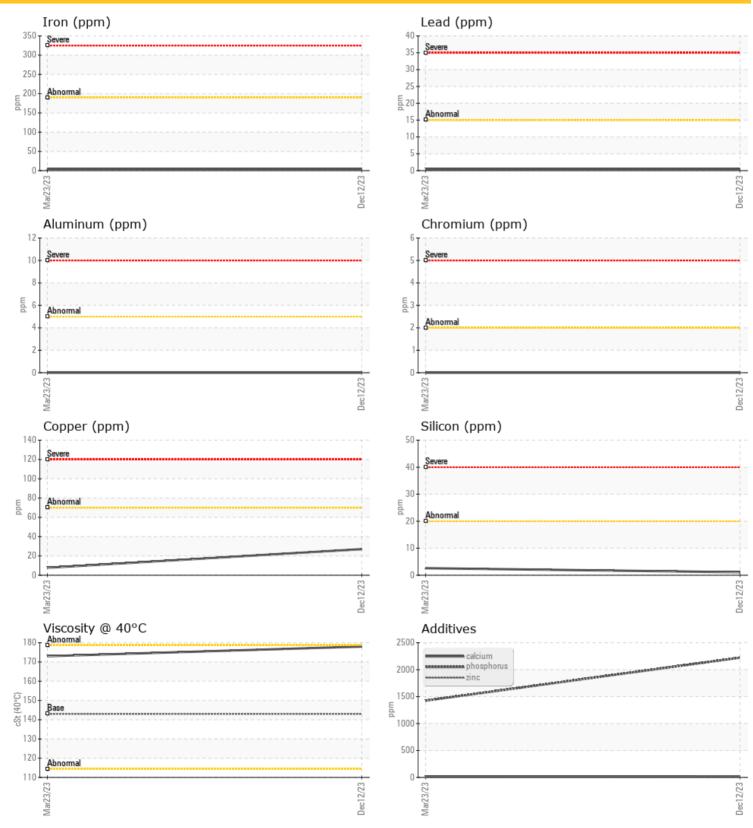
Submitted By: Bastian Firmbach





GRAPHS

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