

LIEBHERR LH3OM 145272-1253 - Front Left Wheel Hub

Sample No: LH

Oil Type: GEAR OIL LS 80W90

SAMPLE INFORMATION

Sample Number	LH	LH0250155	LH0250169				
Sample Date	14 Mar 2024	08 Sep 2023	05 Jun 2023				
Machine Hours	2004	1004	500				
Oil Hours	0	0	500				
Oil Changed	Changed	Changed	Changed				
Sample Status	NORMAL	NORMAL	NORMAL				
OIL CONDITION							
Visc @ 40°C cSt	0 191	0 170	64.6				

CONTAMINATION Water % NEG NEG NEG Silicon 0 12 $\bigcirc 2$ 6 ppm Sodium 04 0 19 011 ppm Potassium ppm 01 $\bigcirc 1$

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	R META	LS			
Iron	ppm	130	08	0 19	
Copper	ppm	08	0 2	0 19	
Lead	ppm	○ <1	◯ <1	0 1	
Tin	ppm	0	0	0	
Aluminum	ppm	01	◯ <1	◯ <1	
Chromium	ppm	2	0	◯ <1	
Molybdenum	ppm	0	0	0	
Nickel	ppm	○ <1	0	◯ <1	
Titanium	ppm	0	0	<1	
Silver	ppm	0	0	0	
Manganese	ppm	0 2	◯ <1	<1	
Vanadium	maa	0	0	0	

٥ **ADDITIVES** Calcium 0 414 ppm 403 3899 04 $\bigcirc 2$ 10 Magnesium ppm 200 Zinc 0 126 1490 ppm 0 2289 0 2213 1294 Phosphorus ppm Barium ◯ <1 0 ppm <1 Boron 10 103 ppm 7





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.

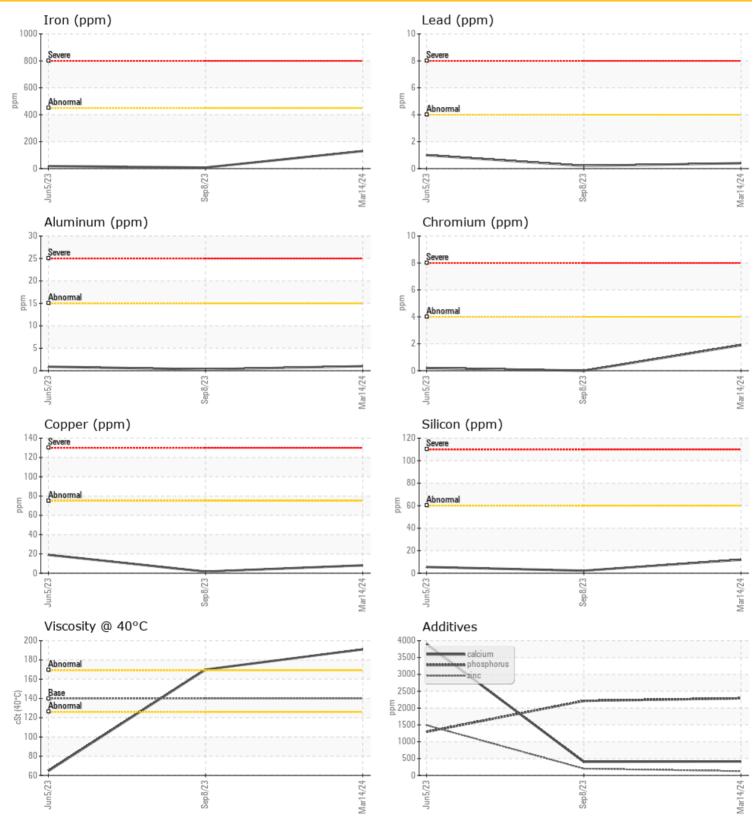
Depot:	IND550WIN
Unique No:	5748259
Signed:	Kevin Marson
Report Date:	19 Mar 2024





GRAPHS

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Submitted By: Vincent Blanchette