



## LIEBHERR LH40 121161 - Rear Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS

Sample Number	<b>ple Info</b>	LH	LH0186131	 	
Sample Date		27 Mar 2024	18 Dec 2020	 	
Machine Hours		14060	1105	 	
Oil Hours		0	0	 	
Oil Changed		Changed	Changed	 	
Sample Status		NORMAL	NORMAL	 	
Visc @ 40°C	cSt taminati	<ul><li>○ 176</li><li>On</li></ul>	130		
Water	%	NEG	NEG	 	
Silicon	ppm	04	0 12	 	
Sodium	ppm	2	0 15	 	
Potassium	ppm	<mark>()</mark> <1	02	 	
Ø we	ar Metal	5			
Iron	ppm	<b>5</b> 9	205	 	
Copper	ppm	03	0 18	 	
Cobbei	ppm	•••	010		

## 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.

Wea	r Metals			
Iron	ppm	<b>0</b> 59	205	 
Copper	ppm	03	0 18	 
Lead	ppm	0	○ <1	 
Tin	ppm	0	0	 
Aluminum	ppm	<b>○</b> <1	02	 
Chromium	ppm	0	01	 
Molybdenum	ppm	0	01	 
Nickel	ppm	<b>○</b> <1	<1	 
Titanium	ppm	<1	0	 
Silver	ppm	0	<1	 
Manganese	ppm	<b>○</b> <1	04	 
Vanadium	ppm	0	<1	 

0 **Additives** Calcium ppm 0 12 0 153 ○ <1 04 Magnesium ppm 07 0 54 Zinc ppm Phosphorus ppm 0 2287 0 1743 Barium 0 ppm 01 Boron 0 13 ppm 08

 Depot:
 LBADOL

 Unique No:
 5763474

 Signed:
 Wes Davis

 Report Date:
 22 Apr 2024

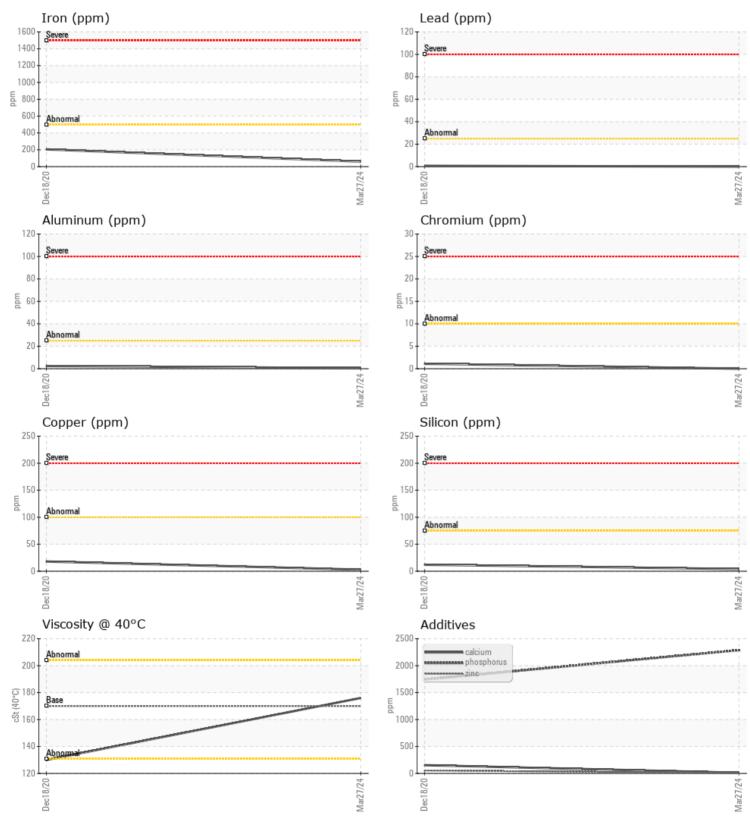
 Submittet By: Marie-Eve Belley





Graphs

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