

LIEBHERR LH30M 153712-1253 - Rear Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

Sample Number	LH				
Sample Date	14 Dec 2023				
Machine Hours	500				
Oil Hours	0				
Oil Changed	Changed				
Sample Status	NORMAL				

OIL CONDITION

Visc @ 40°C

cSt

63.8

Water	%	NEG			
Silicon	ppm	06			
Sodium	ppm	0 15			
Potassium	ppm	○ <1			

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WEA	R META	LS		
Iron	ppm	1 4	 	
Copper	ppm	3	 	
Lead	ppm	○ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	0	 	
Silver	ppm	<1	 	
Manganese	ppm	01	 	
Vanadium	ppm	0	 	

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ADDITIVES						
Calcium	ppm	3675				
Magnesium	ppm	0 10				
Zinc	ppm	1460				
Phosphorus	ppm	1146				
Barium	ppm	○ <1				
Boron	ppm	109				





Innovation Industrielle Boivin Inc. 2205 de la Fonderie Chicoutimi, QC CA G7H 8B9 Contact: Service Manager

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Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot:	INN220CHI
Unique No:	5696997
Signed:	Wes Davis
Report Date:	18 Dec 2023

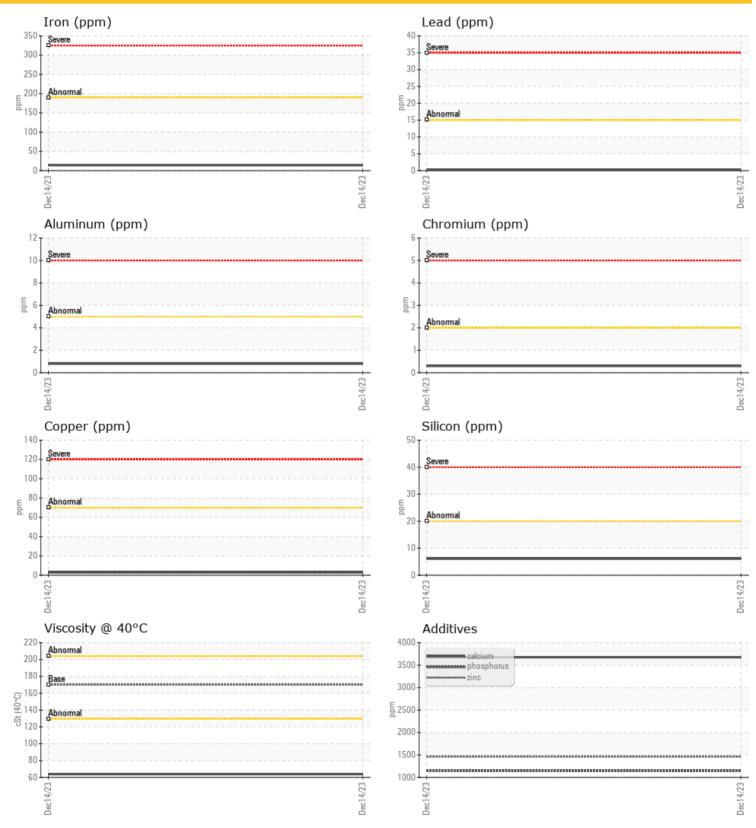
Submitted By: Marie-Eve Belley





GRAPHS

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