

LIEBHERR LH30M 143683-1253 - Front Left Wheel Hub

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

Sample Number	LH	 	
Sample Date	31 Aug 2023	 	
Machine Hours	1000	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

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OIL CONDITION

Visc @ 40°C

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	TAMINA	TION		
Silicon	ppm	0 5	 	
Sodium	ppm	0 22	 	
Potassium	ppm	01	 	

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WEAI	R METALS			
Iron	ppm	1 6	 	
Copper	ppm	0 42	 	
Lead	ppm	○ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	<mark>○</mark> <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	○ <1	 	
Vanadium	ppm	0	 	



ADDITIVES

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Calcium	ppm	3543	 	
Magnesium	ppm	10	 	
Zinc	ppm	1409	 	
Phosphorus	ppm	1220	 	
Barium	ppm	0	 	
Boron	ppm	98	 	





SCIERIE MARTEL LTEE 3000 ROUTE DU LAC EST ALMA, QC CA G8B 5V2 Contact: Alain Bauchard

T: (418)668-3366 F: (418)668-2071

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. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Depot:	SCIALM
Unique No:	5642560
Signed:	Kevin Marson
Report Date:	12 Sep 2023

Report Id: SCIALM [WCAMIS] 02581495 (Generated: 09/13/2023 13:12:06) Rev: 2

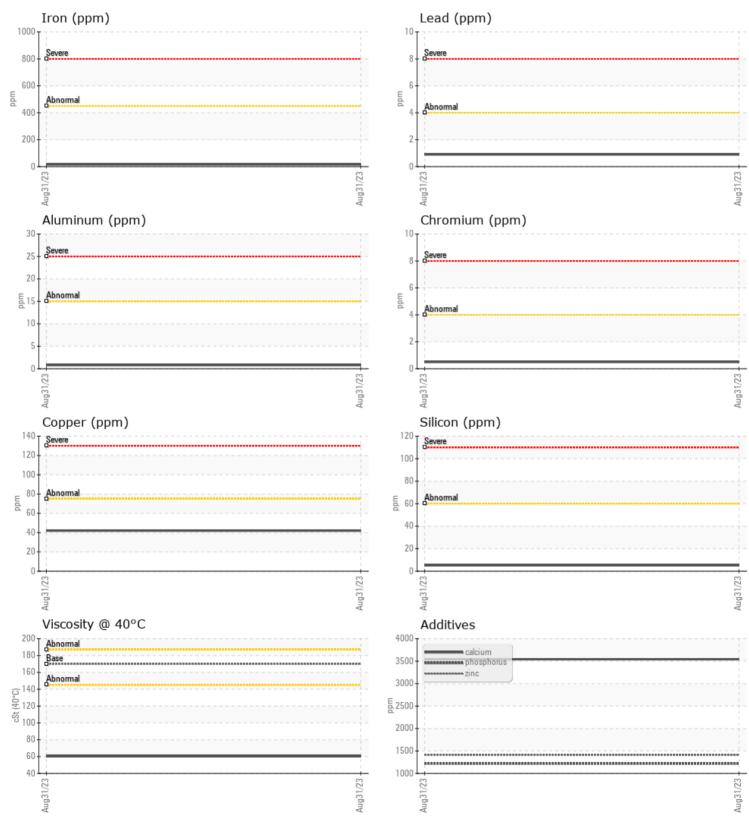
Submitted By: Marie-Eve Belley





GRAPHS

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Submitted By: Marie-Eve Belley