

LIEBHERR LH30M 143683-1253 - Front Right 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	 	

OILO

OIL CONDITION

Visc @ 40°C

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Silicon	ppm	06		
Sodium	ppm	2 4		
Potassium	ppm	◯ <1		

64.2

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WEAI	R METALS			
Iron	ppm	0 19	 	
Copper	ppm	073	 	
Lead	ppm	2	 	
Tin	ppm	0	 	
Aluminum	ppm	01	 	
Chromium	ppm	<mark>○</mark> <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0 🔘	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	○ <1	 	
Vanadium	ppm	0	 	



ADDITIVES

Calcium	ppm	3606	 	
Magnesium	ppm	0 10	 	
Zinc	ppm	1428	 	
Phosphorus	ppm	1208	 	
Barium	ppm	○ <1	 	
Boron	ppm	98	 	



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

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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. 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.

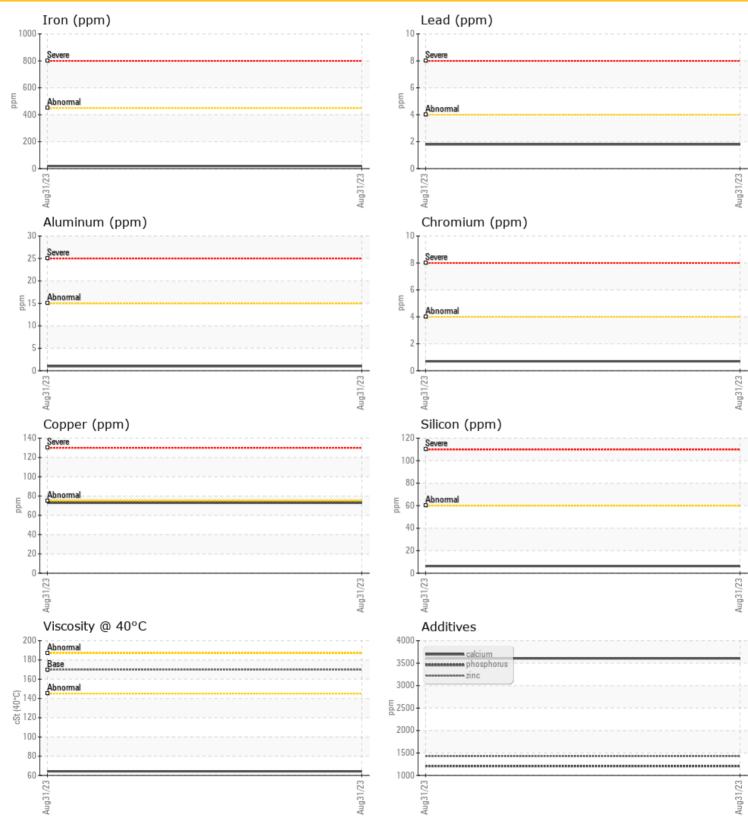
Depot:	SCIALM
Unique No:	5642562
Signed:	Kevin Marson
Report Date:	12 Sep 2023





GRAPHS

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Report Id: SCIALM [WCAMIS] 02581497 (Generated: 09/13/2023 13:12:15) Rev: 1