

LIEBHERR LH60M 107906 - Front Right Wheel Hub

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS

Sample Information

Sample Number		LH	LH	LH0250182		
Sample Date		17 Jun 2024	12 Apr 2023	09 Jan 2023		
Machine Hours		3725	3721	3715		
Oil Hours		0	0	0		
Oil Changed		N/A	N/A	Not Changd		
Sample Status		NORMAL	NORMAL	NORMAL		
Oil Ca	ondition					
Visc @ 40°C	cSt	186	0 185	187		
**						
Contamination						

Сог	ntaminati	ion			
Water	%	NEG	NEG	NEG	
Silicon	ppm	0 5	06	5	
Sodium	ppm	0 9	0 9	9	
Potassium	ppm	01	0	01	

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Wea	r Metals	5			
Iron	ppm	0 27	29	25	
Copper	ppm	01	0 2	0 1	
Lead	ppm	0 🔘	0	◯ <1	
Tin	ppm	0 🔘	0	0	
Aluminum	ppm	○ <1	◯ <1	◯ <1	
Chromium	ppm	0 (0	0	
Molybdenum	ppm	0 (◯ <1	◯ <1	
Nickel	ppm	○ <1	○ <1	◯ <1	
Titanium	ppm	0	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	() <1	◯ <1	◯ <1	
Vanadium	ppm	0	0	0	

٥ **Additives** Calcium ppm 43 49 0 42 Magnesium 01 ○ <1 ○ <1 ppm Zinc 17 0 16 20 ppm Phosphorus 0 2291 0 2427 2334 ppm Barium ○ <1 0 0 ppm 02 Boron 02 03 ppm





LIEBHERR CANADA

10 LYNDS AVENUE MONCTON, NB CA E1H 3K2 Contact: Bryan Wood bryan.wood@liebherr.com T: F: (506)854-2940

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.

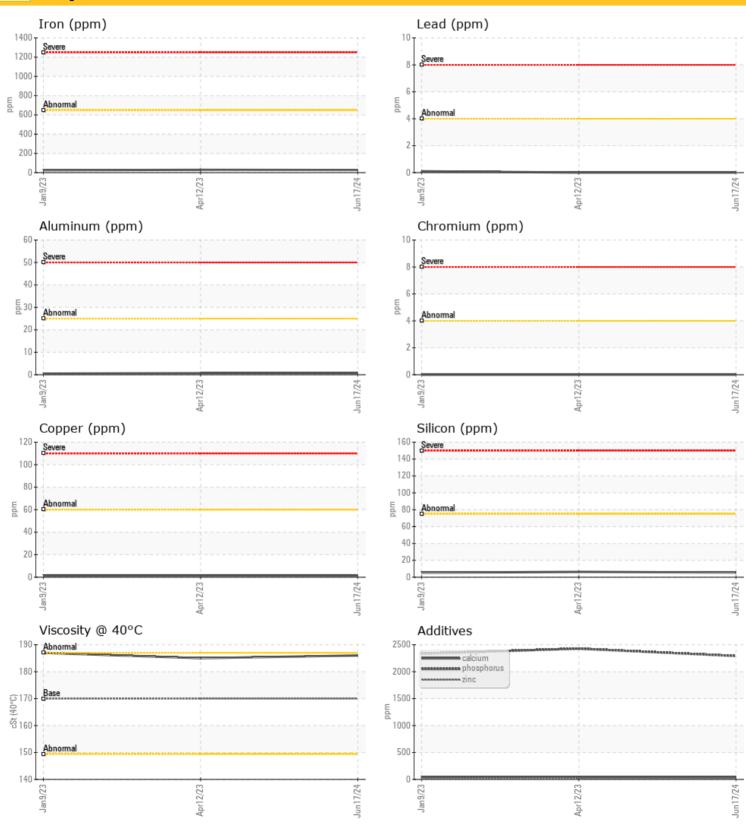
Depot:	LIEMON		
Unique No:	5800548		
Signed:	Wes Davis		
Report Date:	19 Jun 2024		
Submitted By: Olivier Galimi			





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Graphs



Report Id: LIEMON [WCAMIS] 02643009 (Generated: 06/19/2024 15:35:21) Rev: 1

Submitted By: Olivier Galimi