

[(358628)] LIEBHERR R914 047334-1511 - Right Final Drive

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

Sample Number		LH	LH0243080	LH	
Sample Date		23 Nov 2023	05 Jan 2023	22 Sep 2021	
Machine Hours		3825	2731	0	
Oil Hours		0	0	0	
Oil Changed		Changed	Changed	Changed	
Sample Status		NORMAL	NORMAL	NORMAL	
OIL CO	NDITION				
Visc @ 40°C	cSt	0 179	0 181	0 194	

Water	%	NEG	NEG	NEG	
Silicon	ppm	◯ <1	0	◯ <1	
Sodium	ppm	0 2	0 1	03	
Potassium	ppm	0 ()	0	02	

WEA	R METALS	5			
Iron	ppm	06	03	0 13	
Copper	ppm	◯ <1	0	◯ <1	
Lead	ppm	◯ <1	0	0	
Tin	ppm	0 ()	0 0	0	
Aluminum	ppm	0	0	0	
Chromium	ppm	0 🔘	0 ()	◯ <1	
Molybdenum	ppm	0 🔘	0	◯ <1	
Nickel	ppm	○ <1	○ <1	<1	
Titanium	ppm	0	0	0	
Silver	ppm	<1	0	<1	
Manganese	ppm	0 🔘	0	◯ <1	
Vanadium	ppm	0	0	0	

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	JIIVES				
Calcium	ppm	3	0 11	0 12	
Magnesium	ppm	0	○ <1	2	
Zinc	ppm	5	07	0 14	
Phosphorus	ppm	2310	2424	2428	
Barium	ppm	○ <1	0	3	
Boron	ppm	01	◯ <1	0 4	



L.A.H. EQUIPMENT INC.

9700 PLACE JADE
BROSSARD, QC
CA J4Y 3C1
Contact: Sylvain Allard sylvain.allard@lahebert.ca
T: (450)444-4847
F: (450)444-3578

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.

Depot:	LAHBRO
Unique No:	5684157
Signed:	Wes Davis
Report Date:	27 Nov 2023

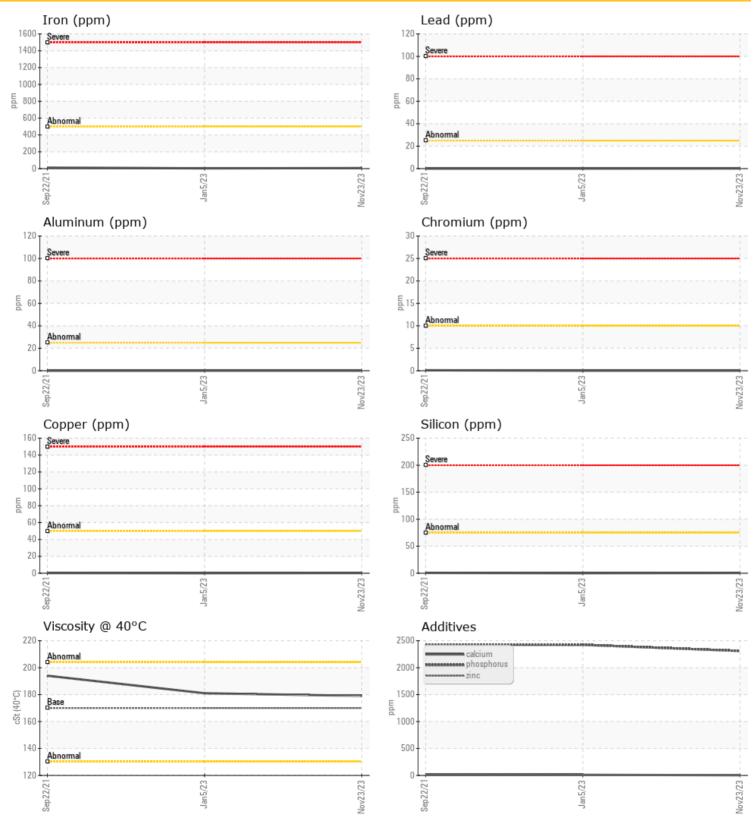
Submitted By: Olivier Galimi





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