

LIEBHERR L556 065678-1826 - Rear Differential

Sample No: LH

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH	LH0232591	LH	
Sample Date	20 Dec 2023	31 Jul 2023	26 Apr 2023	
Machine Hours	4739	3914	3418	
Oil Hours	0	0	0	
Oil Changed	N/A	Changed	N/A	
Sample Status	NORMAL	NORMAL	ABNORMAL	

OILCO	DNDITION				
с @ 40°С	cSt	0 178	186	94.5	

Water	%	NEG	NEG	NEG	
Silicon	ppm	04	0 2	0 16	
Sodium	ppm	01	○ <1	3	
Potassium	ppm	○ <1	0	0	

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WE/	AR META	LS			
Iron	ppm	9 1	0 49	◯ 553	
Copper	ppm	0 49	◯ 35	0 200	
Lead	ppm	() <1	◯ <1	0 5	
Tin	ppm	0 2	0 2	0 13	
Aluminum	ppm	○ <1	◯ <1	◯ <1	
Chromium	ppm	○ <1	○ <1	0 2	
Molybdenum	ppm	0	0	0	
Nickel	ppm	○ <1	○ <1	03	
Titanium	ppm	0	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	5	2	14	
Vanadium	ppm	0	0	0	

0

	DITIVES				
Calcium	ppm	5	○ 5	36	
Magnesium	ppm	○ <1	○ <1	2	
Zinc	ppm	28	0 17	69	
Phosphorus	ppm	2363	2360	2719	
Barium	ppm	0	0	0	
Boron	ppm	0 5	21	221	





BOIS LIB INC.

275 RUE JEREMIE-PACAUD PRINCEVILLE, QC CA G6L 0A1 Contact: Service Manager

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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.

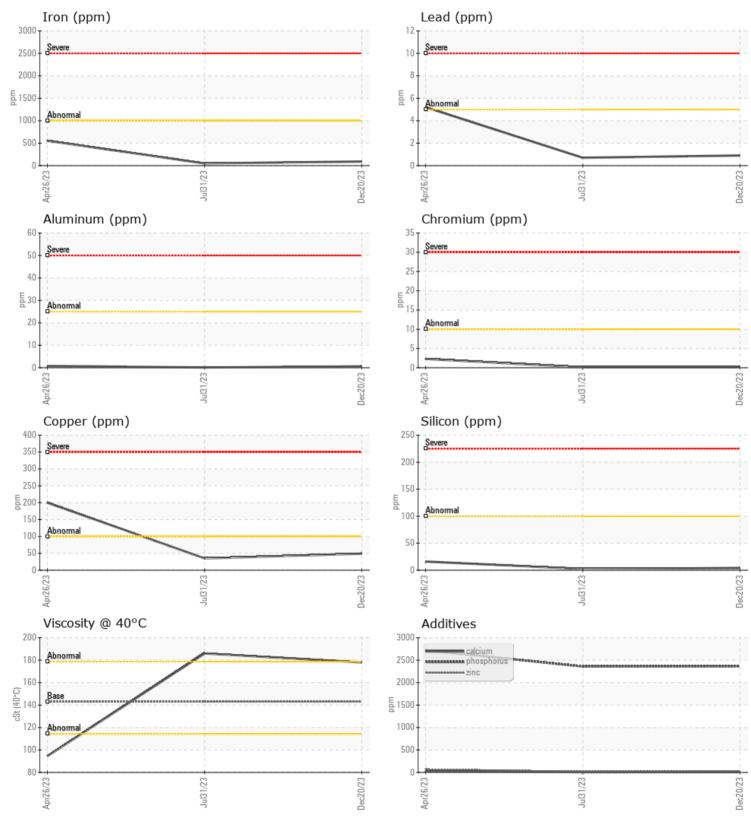
Depot:	LIBPRI
Unique No:	5698180
Signed:	Wes Davis
Report Date:	22 Dec 2023





GRAPHS

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Report Id: LIBPRI [WCAMIS] 02605095 (Generated: 12/22/2023 19:04:56) Rev: 1

Submitted By: Olivier Galimi