

[(364849)] LIEBHERR R934 053396-1487 - Left Final Drive

Sample No: LH0219936

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

Sample Number	LH0219936	LH			
Sample Date	15 Mar 2024	09 Feb 2022			
Machine Hours	1995	0			
Oil Hours	0	0			
Oil Changed	Changed	Changed			
Sample Status	NORMAL	NORMAL			
OIL CONDITION					
Visc @ 40°C cSt	89.0	0 196			

Water	%	NEG	NEG		
Silicon	ppm	0 163	○ 3		
Sodium	ppm	0 14	05		
Potassium	nom	0 15	04		

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WE/	R METAL	S		
			0.50	
Iron	ppm	0 278	72	
Copper	ppm	<mark></mark> <1	○ <1	
Lead	ppm	0 (○ <1	
Tin	ppm	0	0	
Aluminum	ppm	0 45	○ <1	
Chromium	ppm	04	01	
Molybdenum	ppm	0	0	
Nickel	ppm	04	○ <1	
Titanium	ppm	03	○ <1	
Silver	ppm	0	0	
Manganese	ppm	02	01	
Vanadium	ppm	0	0	

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ADD	ITIVES			
Calcium	ppm	41	0 17	
Magnesium	ppm	0 14	○ <1	
Zinc	ppm	22	0 16	
Phosphorus	ppm	1065	0 1533	
Barium	ppm	02	0 16	
Boron	ppm	142	0 4	





HUBERT & FILS

474 ROUTE 105 BOIS-FRANC, QC CA J9E 3A9 Contact: Eric Brisebois ericbrisebois99@gmail.com T: F:

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:HUUnique No:575Signed:WeReport Date:28

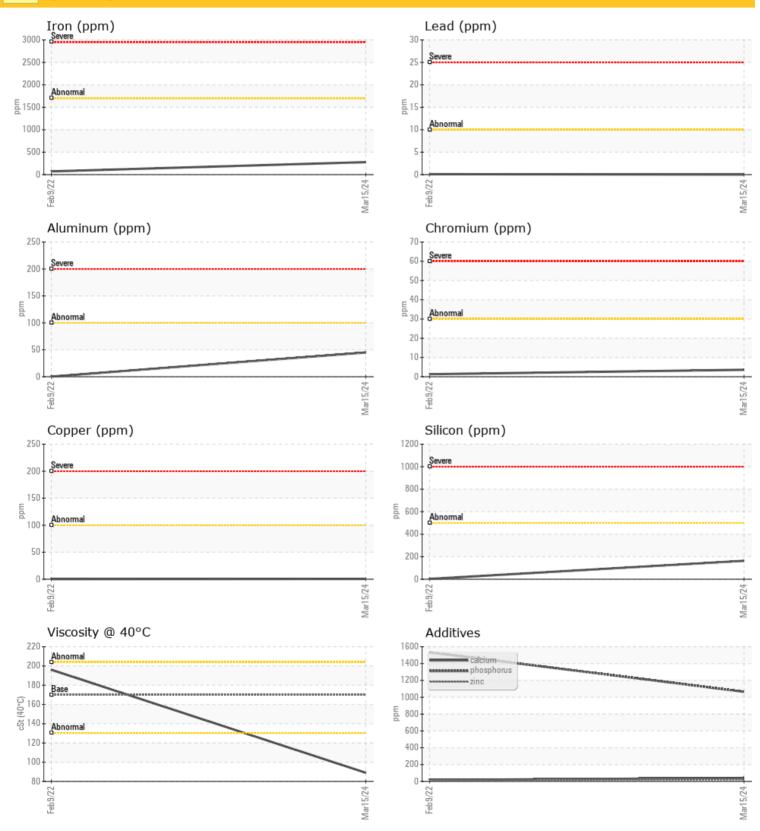
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