

LIEBHERR LH60M 141098-1217 - Rear Left Wheel Hub

Sample No: LH0284993

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number		LH0284993	LH0251563	LH0234951			
Sample Date		22 Feb 2024	24 Feb 2023	14 Nov 2022			
Machine Hours		2811	934	467			
Oil Hours		0	0	0			
Oil Changed		Changed	Changed	Changed			
Sample Status		NORMAL	NORMAL	NORMAL			
Visc @ 40°C	St	0 109	0 111	185			

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

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Iron	ppm	22	0 13	0 22	
Copper	ppm	37	09	0 10	
Lead	ppm	() <1	0	◯ <1	
Tin	ppm	0	0	0	
Aluminum	ppm	○ <1	○ <1	○ <1	
Chromium	ppm	0	0	0	
Molybdenum	ppm	0	○ <1	0	
Nickel	ppm	0	0	◯ <1	
Titanium	ppm	0	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	0	○ <1	◯ <1	
Vanadium	ppm	0	0	0	

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Calcium	ppm	0 15	0 13	8	
Magnesium	ppm	06	06	○ <1	
Zinc	ppm	0 34	21	0 14	
Phosphorus	ppm	0 1199	0 1269	0 1226	
Barium	ppm	0 38	0 40	337	
Boron	ppm	0 258	263	6	





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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:	JOHL
Unique No:	57348
Signed:	Kevin
Report Date:	23 Fe

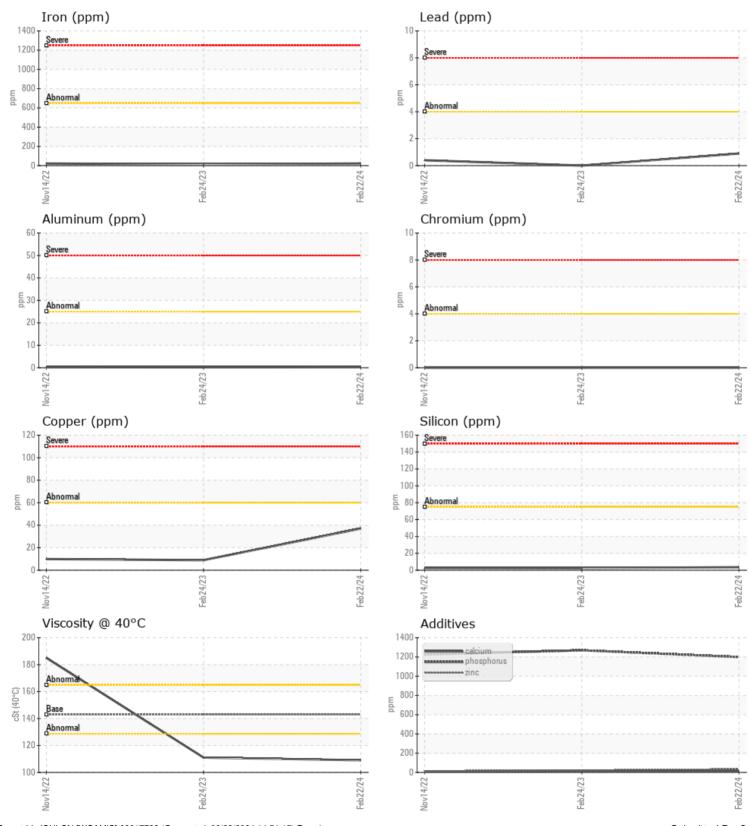
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