



LIEBHERR L550 1825-67138 - Front Left Wheel Hub

Sample No: LH0262936

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH0262936	 	
Sample Date	27 Aug 2023	 	
Machine Hours	2391	 	
Oil Hours	0	 	
Oil Changed	N/A	 	
Sample Status	ABNORMAL	 	

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OIL CONDITION

Visc @ 40°C

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	AMINATIC	N		
Silicon	ppm	0 15	 	
Sodium	ppm	04	 	
Potassium	ppm	0	 	

	R META	LS		
Iron	ppm	208	 	
Copper	ppm	<u> </u>	 	
Lead	ppm	0	 	
Tin	ppm	8	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	2	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0 9	 	
Vanadium	ppm	0	 	



ADDITIVES

Calcium	ppm	3	 	
Magnesium	ppm	0	 	
Zinc	ppm	0 13	 	
Phosphorus	ppm	0 2292	 	
Barium	ppm	0	 	
Boron	ppm	○ <1	 	



O'NEIL CONSTRUCTION R.R. #1 BOBCAYGON, ON

CA KOM 1A0 Contact: WM O'NEIL

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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Bearing and/or bushing wear is indicated. All other 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:	0
Unique No:	10
Signed:	D
Report Date:	21

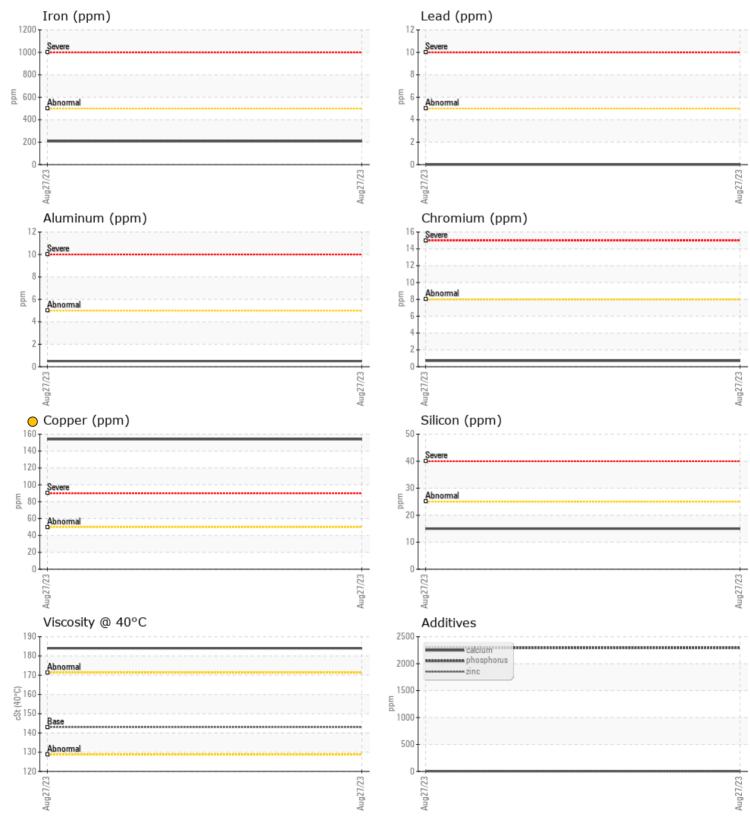
DNEBOB 0701182 Don Baldridge 11 Oct 2023





GRAPHS

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