

LIEBHERR LH50 156991 - Front Differential

Sample No: LH0285079

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH0285079	
Sample Date	04 Mar 2024	
Machine Hours	1005	
Oil Hours	0	
Oil Changed	Changed	
Sample Status	NORMAL	

IO 🔘

OIL CONDITION

Visc @ 40°C

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cSt 🔘 165

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

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WEA WEA	R META	LS		
Iron	ppm	04	 	
Copper	ppm	04	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	0	 	
Silver	ppm	<1	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

Calcium	ppm	05	 	
Magnesium	ppm	○ <1	 	
Zinc	ppm	05	 	
Phosphorus	ppm	0 1364	 	
Barium	ppm	238	 	
Boron	ppm	0 50	 	





LIEBHERR CANADA LTD.

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Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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.

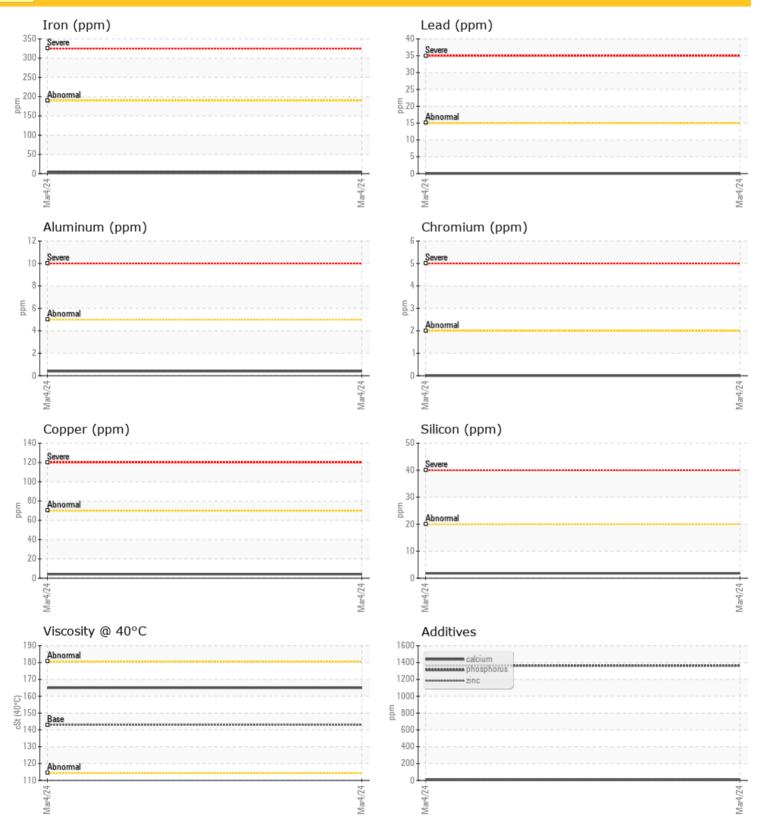
Depot:	LIEMIS
Unique No:	5737080
Signed:	Wes Davis
Report Date:	05 Mar 2024





GRAPHS

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Contact/Location: Steve Lehto - LIEMIS