31 E R R E **CONSTRUCTION EQUIPMENT**



LIEBHERR L586 65883 - Front Left Wheel Hub

Sample No: LH0281167

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

Sample Number	LH0281167	 	
Sample Date	06 Dec 2023	 	
Machine Hours	2967	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

OIL CONDITION

Visc @ 40°C

cSt 0 181

Water	%	NEG			
Silicon	ppm	07			
Sodium	ppm	0 2			
Potassium	ppm	○ <1			

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WFA	R METALS			
Iron	ppm	216	 	
Copper	ppm	130	 	
Lead	ppm	3	 	
Tin	ppm	8 🔘	 	
Aluminum	ppm	02	 	
Chromium	ppm	01	 	
Molybdenum	ppm	0 ()	 	
Nickel	ppm	<mark></mark> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	8 🔘	 	
Vanadium	ppm	0	 	

ADDI	TIVES			
Calcium	ppm	0 12	 	
Magnesium	ppm	01	 	
Zinc	ppm	0 119	 	
Phosphorus	ppm	2360	 	
Barium	ppm	0 🔘	 	
Boron	ppm	01	 	



Liebherr Canada

140 - 21320 Gordon Way Richmond, BC CA V6W 1J8 Contact: Kevin Steer kevin.steer@liebherr.com T: F: (604)270-3254

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.

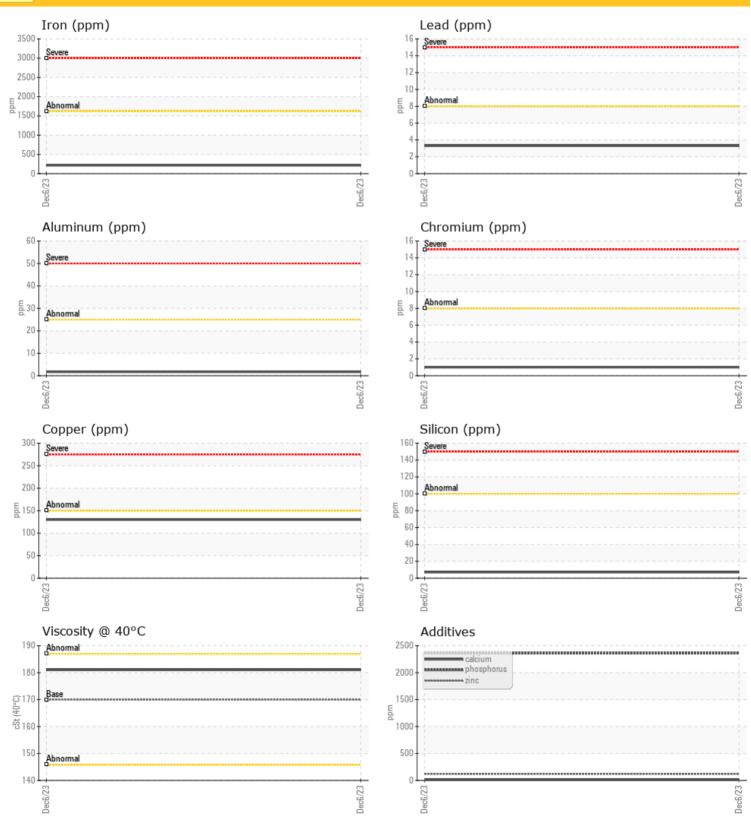
Depot:	LIERIC
Unique No:	5697809
Signed:	Wes Davis
Report Date:	21 Dec 2023

Contact/Location: Kevin Steer - LIERIC

CONSTRUCTION EQUIPMENT

GRAPHS

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Contact/Location: Kevin Steer - LIERIC