

# LIEBHERR A922 134416-1509 - Rear Right Wheel Hub

Sample No: LH0247003

Oil Type: LIEBHERR GEAR BASIC 90 LS

## SAMPLE INFORMATION

Sample Number	LH0247003	LH0256867	 
Sample Date	28 Jul 2023	10 Mar 2023	 
Machine Hours	1194	730	 
Oil Hours	0	0	 
Oil Changed	Changed	Changed	 
Sample Status	NORMAL	NORMAL	 

# OIL CONDITION Visc @ 40°C cSt 107 168 -- --

Silicon	ppm	07	0 13			
Sodium	ppm	0 2	○ 6			
Potassium	ppm	<b></b> <1	○ <1			

WE/	AR META	LS		
Iron	ppm	<b>0</b> 19	◯ 70	 
Copper	ppm	06	0 13	 
Lead	ppm	<b>○</b> <1	◯ <1	 
Tin	ppm	0 ()	0	 
Aluminum	ppm	<b>○</b> <1	01	 
Chromium	ppm	<mark></mark> <1	○ <1	 
Molybdenum	ppm	0 🔘	0	 
Nickel	ppm	0 🔘	○ <1	 
Titanium	ppm	0	◯ <1	 
Silver	ppm	<1	0	 
Manganese	ppm	<b>○</b> <1	3	 
Vanadium	ppm	0	0	 



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# ADDITIVES

Calcium	ppm	8	8	 
Magnesium	ppm	<b>2</b>	02	 
Zinc	ppm	20	25	 
Phosphorus	ppm	1317	0 1198	 
Barium	ppm	45	337	 
Boron	ppm	276	5	 





#### ACCURATE RAILROAD CONSTRUCTION LTD 130 HEALEY RD. 8 CALEDON-BOLTON, ON CA L7E 5B3 Contact: Service Manager

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:
 AC0

 Unique No:
 563

 Signed:
 West

 Report Date:
 23 /r

ACC130CAL 5630838 Wes Davis 23 Aug 2023

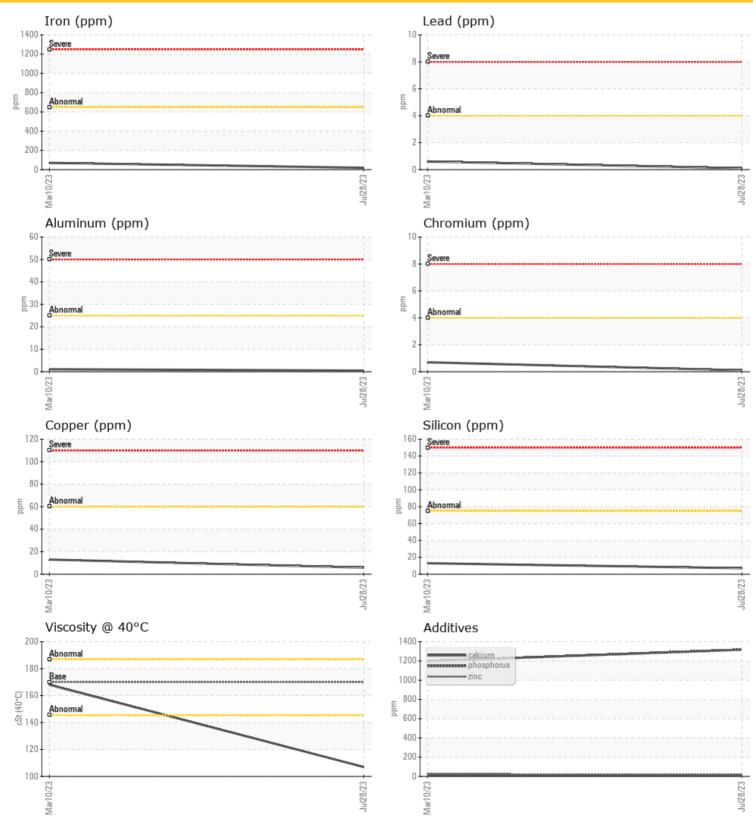
Submitted By: ?





GRAPHS

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