

## LIEBHERR A904 056759-005 - Transmission (Manual)

Sample No: LH0265476 **Oil Type: SAE 5W30** 

# **SAMPLE INFORMATION**

Sample Number	LH0265476	 	
Sample Date	24 Oct 2023	 	
Machine Hours	14788	 	
Oil Hours	0	 	
Oil Changed	Not Changd	 	
Sample Status	NORMAL	 	

**OIL CONDITION** 

ppm

Visc @ 40°C

Potassium

cSt

#### CONTAMINATION Silicon ppm 05 Sodium 03 ppm 0

92.2

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WEA	R METALS	5		
Iron	ppm	0 79	 	
Copper	ppm	97	 	
Lead	ppm	<b>3</b>	 	
Tin	ppm	02	 	
Aluminum	ppm	3	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	<b>○</b> <1	 	
Titanium	ppm	0	 	
Silver	ppm	<mark></mark> <1	 	
Manganese	ppm	<b>0</b> 15	 	
Vanadium	ppm	0	 	



**ADDITIVES** 

Calcium	ppm	25	 	
Magnesium	ppm	2	 	
Zinc	ppm	57	 	
Phosphorus	ppm	1378	 	
Barium	ppm	<mark></mark> <1	 	
Boron	ppm	152	 	





### LIEBHERR CANADA LTEE

444 AVENUE DE LA FRICHE DOLBEAU-MISTASSINI, QC CA G8L 3M7 Contact: Luc Trottier luc.trottier@liebherr.com T: F: (418)276-9844

### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as (GENERIC) SAE 5W30, however, a fluid match indicates that this fluid is SAE 75W90 Gear Oil. Please confirm the fluid type and grade on your next sample.All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the fluid is acceptable for the time in service.

Depot:	LBADOL
Unique No:	5668893
Signed:	Kevin Marson
Report Date:	25 Oct 2023

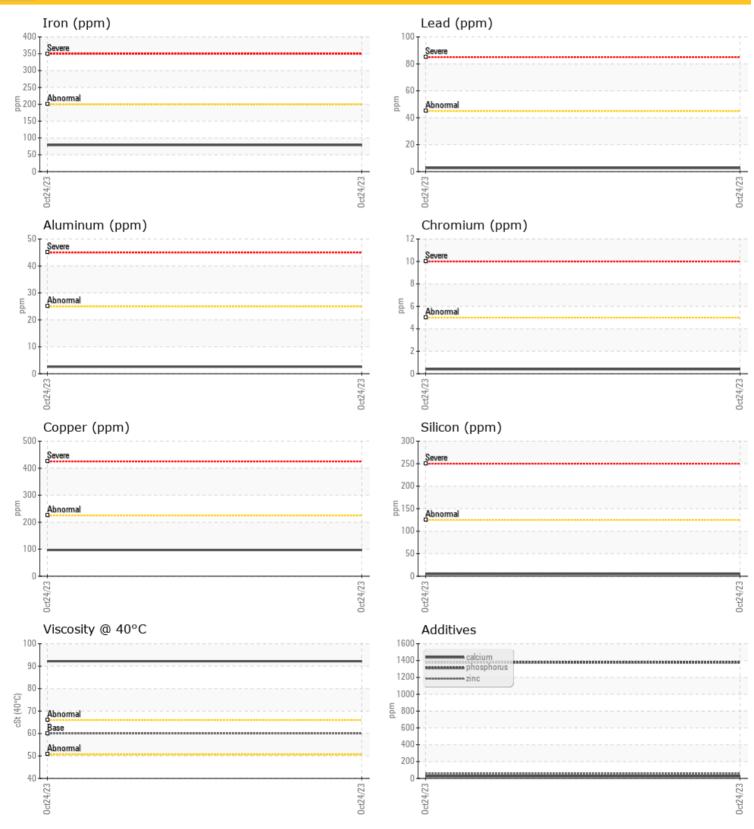
Contact/Location: Luc Trottier - LBADOL





GRAPHS

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Report Id: LBADOL [WCAMIS] 02591814 (Generated: 10/26/2023 11:16:22) Rev: 1

Contact/Location: Luc Trottier - LBADOL