

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(348643)] LIEBHERR NO UNIT WC0904887 - Left Final Drive

Sample No: LH0199304

Oil Type: GEAR OIL SAE 75W90



#### Sample Information

Sample Number	LH0199304	LH0199296	LH0199288	---
Sample Date	29 Apr 2024	06 Feb 2023	06 Dec 2021	---
Machine Hours	3004	1978	1074	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

COUNTY OF ST. PAUL NO. 19  
5015 - 49 AVENUE  
ST. PAUL, AB  
CA T0A 3A4  
Contact: DD SKAWRONSKI-MUNRO  
DSKAWRONSKI@COUNTY.STPAUL.AB.CA  
T: (780)645-3006  
F: (780)645-1800



#### Oil Condition

Visc @ 40°C	cSt	80.1	129	331	---
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#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	3	6	---
Sodium	ppm	<1	2	3	---
Potassium	ppm	<1	<1	1	---



#### Wear Metals

Iron	ppm	26	51	109	---
Copper	ppm	11	26	28	---
Lead	ppm	0	<1	<1	---
Tin	ppm	<1	1	2	---
Aluminum	ppm	<1	1	2	---
Chromium	ppm	0	<1	1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	0	<1	1	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	5	3	12	---
Magnesium	ppm	<1	0	2	---
Zinc	ppm	24	10	20	---
Phosphorus	ppm	969	1454	1194	---
Barium	ppm	5	18	58	---
Boron	ppm	131	176	4	---

#### 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 75W90. 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: COU501STP  
Unique No: 5776508  
Signed: Wes Davis  
Report Date: 14 May 2024



### Graphs

