

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(375856)] LIEBHERR R930 049712-1716 - Right Final Drive

Sample No: LH0231973

Oil Type: GEAR OIL SAE 75W90



#### SAMPLE INFORMATION

Sample Number	LH0231973	LH0231966	---	---
Sample Date	05 Jan 2024	22 Sep 2022	---	---
Machine Hours	2014	1000	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

COUNTY OF ST. PAUL NO. 19  
5015 - 49 AVENUE  
ST. PAUL, AB  
CA T0A 3A4  
Contact: Brent Lilje  
blilje@county.stpaul.ab.ca  
T: (780)645-3006  
F:



#### OIL CONDITION

Visc @ 40°C	cSt	97.0	105	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	6	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	2	1	---	---



#### WEAR METALS

Iron	ppm	79	50	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	1	---	---
Chromium	ppm	3	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	6	3	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	20	15	---	---
Phosphorus	ppm	1365	1472	---	---
Barium	ppm	5	5	---	---
Boron	ppm	194	204	---	---

#### 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: COU501STP  
Unique No: 5721307  
Signed: Wes Davis  
Report Date: 30 Jan 2024



### GRAPHS

