

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50 100676 - Rear Right Planetary

Sample No: LH0280922

Oil Type: SAE 75W90



**R J MACISAAC CONSTRUCTION LTD**  
 70 WEST ST, SUITE #1  
 ANTIGONISH, NS  
 CA B2G 2X7  
 Contact: Service Manager  
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#### SAMPLE INFORMATION

Sample Number	LH0280922	LH0260318	LH0230423	---
Sample Date	08 Feb 2024	01 Jun 2023	24 Jul 2022	---
Machine Hours	0	0	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



#### OIL CONDITION

Visc @ 40°C	cSt	149	159	175	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	2	---
Sodium	ppm	2	3	3	---
Potassium	ppm	<1	0	<1	---



#### WEAR METALS

Iron	ppm	54	65	48	---
Copper	ppm	4	5	4	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	25	28	29	---
Magnesium	ppm	8	9	11	---
Zinc	ppm	16	16	16	---
Phosphorus	ppm	2036	2354	2276	---
Barium	ppm	0	0	0	---
Boron	ppm	66	43	3	---

#### 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: RJMANT  
 Unique No: 5723848  
 Signed: Wes Davis  
 Report Date: 12 Feb 2024



### GRAPHS

