

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 100676 - Rear Left Planetary

Sample No: LH0280914

Oil Type: GEAR OIL 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	LH0280914	LH0260317	LH0230422	---
Sample Date	08 Feb 2024	01 Jun 2023	24 Jul 2022	---
Machine Hours	18585	0	0	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	150	128	174	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	54	62	49	---
Copper	ppm	4	13	3	---
Lead	ppm	<1	<1	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	26	22	30	---
Magnesium	ppm	8	13	10	---
Zinc	ppm	15	6	17	---
Phosphorus	ppm	2019	1866	2311	---
Barium	ppm	0	0	0	---
Boron	ppm	66	93	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: 5723849
 Signed: Wes Davis
 Report Date: 12 Feb 2024



GRAPHS

