

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 100676 - Front Right Planetary

Sample No: LH0280920

Oil Type: GEAR OIL SAE 75W90



R J MACISAAC CONSTRUCTION LTD
 70 WEST ST, SUITE #1
 ANTIGONISH, NS
 CA B2G 2X7
 Contact: Service Manager
 INFO@RJMACISAAC.CA
 T: (902)863-6950
 F: (902)863-0113



SAMPLE INFORMATION

Sample Number	LH0280920	LH0260319	---	---
Sample Date	08 Feb 2024	01 Jun 2023	---	---
Machine Hours	18585	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	112	159	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	53	61	---	---
Copper	ppm	12	5	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	17	27	---	---
Magnesium	ppm	8	8	---	---
Zinc	ppm	8	16	---	---
Phosphorus	ppm	1506	2339	---	---
Barium	ppm	0	0	---	---
Boron	ppm	206	43	---	---

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: RJMANT
 Unique No: 5723843
 Signed: Wes Davis
 Report Date: 12 Feb 2024



GRAPHS

