

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50 100676 - Splitter Box

Sample No: LH0280915

Oil Type: GEAR OIL SAE 75W90



#### SAMPLE INFORMATION

Sample Number	LH0280915	LH0260315	LH0230429	---
Sample Date	08 Feb 2024	01 Jun 2023	24 Jul 2022	---
Machine Hours	18585	0	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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

Visc @ 40°C	cSt	89.8	102	168	---
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#### CONTAMINATION

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

#### 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.



#### WEAR METALS

Iron	ppm	19	26	18	---
Copper	ppm	1	1	1	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	1	1	<1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	218	201	39	---
Magnesium	ppm	7	8	4	---
Zinc	ppm	100	93	40	---
Phosphorus	ppm	1268	1611	2209	---
Barium	ppm	0	0	0	---
Boron	ppm	233	173	2	---

Depot: RJMANT  
 Unique No: 5723842  
 Signed: Wes Davis  
 Report Date: 12 Feb 2024



### GRAPHS

