

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 113527-1216 - Splitter Box

Sample No: LH0290620

Oil Type: LIEBHERR GEAR BASIC 90 LS



**LIEBHERR CANADA LTEE**  
 444 AVENUE DE LA FRICHE  
 DOLBEAU-MISTASSINI, QC  
 CA G8L 3M7  
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#### Sample Information

Sample Number	LH0290620	LH0284314	LH	---
Sample Date	13 Jun 2024	13 Mar 2024	13 Mar 2023	---
Machine Hours	6512	6512	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



#### Oil Condition

Visc @ 40°C	cSt	146	132	158	---
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#### Contamination

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



#### Wear Metals

Iron	ppm	13	50	55	---
Copper	ppm	1	1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	3	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	43	90	70	---
Magnesium	ppm	3	2	2	---
Zinc	ppm	71	118	48	---
Phosphorus	ppm	2124	2037	2403	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	2	2	---

#### 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: LBADOL  
 Unique No: 5799608  
 Signed: Wes Davis  
 Report Date: 14 Jun 2024



### Graphs

