

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 150728-1216 -Rear Differential

Sample No: LH0271864

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



**ABC RECYCLING**  
 750C JACKSON RD  
 NANAIMO, BC  
 CA V9X 1J2  
 Contact: Jordie Richmond  
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 T: (250)202-8235  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0271864	LH0242072	---	---
Sample Date	09 Feb 2024	21 Nov 2023	---	---
Machine Hours	1066	500	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	104	156	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	12	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	2	<1	---	---



#### WEAR METALS

Iron	ppm	23	31	---	---
Copper	ppm	24	24	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	30	101	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	18	18	---	---
Phosphorus	ppm	1229	1341	---	---
Barium	ppm	0	2	---	---
Boron	ppm	231	7	---	---

#### 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: ABCNAN  
 Unique No: 5735234  
 Signed: Wes Davis  
 Report Date: 26 Feb 2024



### GRAPHS

