

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 150728-1216 - Rear Right Wheel Hub

Sample No: LH0280931

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



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



#### Sample Information

Sample Number	LH0280931	LH0271873	LH0242076	---
Sample Date	29 Apr 2024	09 Feb 2024	21 Nov 2023	---
Machine Hours	1514	1066	500	---
Oil Hours	488	0	500	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



#### Oil Condition

Visc @ 40°C	cSt	96.5	104	156	---
-------------	-----	------	-----	-----	-----



#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	4	7	---
Sodium	ppm	2	1	1	---
Potassium	ppm	2	1	0	---



#### Wear Metals

Iron	ppm	18	24	3	---
Copper	ppm	27	23	2	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	0	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	0	<1	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	26	31	10	---
Magnesium	ppm	<1	<1	<1	---
Zinc	ppm	22	18	2	---
Phosphorus	ppm	1253	1257	161	---
Barium	ppm	0	0	1	---
Boron	ppm	300	234	4	---

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: ABCNAN  
 Unique No: 5774777  
 Signed: Wes Davis  
 Report Date: 06 May 2024



### Graphs

