

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 110456-1216 - Rear Right Wheel Hub

Sample No: LH0277113

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**J.D. Irving**  
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 CA B2N 5C5  
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#### SAMPLE INFORMATION

Sample Number	LH0277113	LH0234606	LH0246688	LH0230486
Sample Date	13 Oct 2023	01 Apr 2023	15 Dec 2022	25 Apr 2022
Machine Hours	17581	16012	0	13977
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	100	101	101	101
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#### CONTAMINATION

Silicon	ppm	4	2	2	2
Sodium	ppm	<1	<1	<1	0
Potassium	ppm	<1	<1	<1	0



#### WEAR METALS

Iron	ppm	31	13	23	16
Copper	ppm	8	3	6	4
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	<1	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	20	61	12	6
Magnesium	ppm	2	2	1	1
Zinc	ppm	25	36	17	10
Phosphorus	ppm	1298	1321	1307	1314
Barium	ppm	<1	0	0	0
Boron	ppm	319	316	320	328

#### 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: JDITRU  
 Unique No: 5668206  
 Signed: Wes Davis  
 Report Date: 23 Oct 2023



### GRAPHS

