

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(344443)] LIEBHERR LH24 118108-1251 - Front Right Wheel H

Sample No: LH0250456

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0250456	LH0260607	LH0250353	LH0194059
Sample Date	04 Apr 2024	21 Sep 2023	14 May 2023	24 Nov 2022
Machine Hours	7662	6390	5211	4075
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### ABC RECYCLING

8081 MEADOW AVE.  
BURNABY, BC  
CA V3N 2V9

Contact: John Anderson

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F:



#### Oil Condition

Visc @ 40°C	cSt	101	101	100	101
Visc @ 100°C	cSt	---	---	---	14.0
Viscosity Index (VI)	Scale	---	---	---	140



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	6	5	6
Sodium	ppm	2	5	5	10
Potassium	ppm	0	0	0	0



#### Wear Metals

Iron	ppm	35	86	33	68
Copper	ppm	4	7	6	8
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	50	102	171	405
Magnesium	ppm	1	2	<1	2
Zinc	ppm	31	37	49	116
Phosphorus	ppm	1054	809	1134	1711
Barium	ppm	0	<1	0	0
Boron	ppm	202	45	93	163

#### 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: ABCBUR

Unique No: 5772159

Signed: Wes Davis

Report Date: 23 Apr 2024



### Graphs

