

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(350504)] LIEBHERR LH50M 129748-1216 - Rear Right Wheel

Sample No: LH0265657

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**Eacom Timber Corporation**  
100 Old Nairn Centre Road  
Nairn Centre, ON  
CA P0M 2L0  
Contact: Service Manager

T:  
F:



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0265657	LH0259819	LH0202633	LH0215213
Date d'échant.	13 Dec 2023	02 Oct 2023	23 Jun 2022	05 May 2022
Heures de la Machine	10000	9000	4614	4000
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	ABNORMAL	NORMAL	NORMAL



#### ÉTAT D'HUILE

Visc 40°C	cSt	79.8	99.3	97.5	96.4



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	11	8	1	<1
Sodium	ppm	2	5	<1	<1
Potassium	ppm	2	4	0	<1



#### MÉTAUX D'USURE

Fer	ppm	124	68	22	15
Cuivre	ppm	81	20	15	5
Plomb	ppm	2	<1	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	5	2	<1	<1
Chrome	ppm	<1	<1	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	5	1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	12	16	1	9
Magnésium	ppm	2	2	<1	2
Zinc	ppm	93	22	11	12
Phosphore	ppm	490	1069	1496	1368
Baryum	ppm	0	<1	0	0
Bore	ppm	25	232	251	313

#### Diagnostic

We advise that you check for visible metal particles in the oil. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. The fluid was specified as PETRO CANADA TRAXON 75W90 SYNTHETIC, however, a fluid match indicates that this fluid is SAE 75W90 Gear Oil. Please confirm the oil type and grade on your next sample. Copper ppm levels are abnormal. Light concentration of visible metal present. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: EACNAI  
Unique No: 5698191  
Signed: Kevin Marson  
Report Date: 27 Dec 2023



### GRAPHS

