

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0276873

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0276873	LH0259923	LH0202637	LH0215214
Date d'échant.	13 Dec 2023	26 Jun 2023	23 Jun 2022	05 May 2022
Heures de la Machine	10000	8000	4614	4000
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL



#### ÉTAT D'HUILE

Visc 40°C	cSt	91.3	98.0	95.7	97.5



#### CONTAMINATION

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



#### MÉTAUX D'USURE

Fer	ppm	98	27	72	13
Cuivre	ppm	20	12	26	6
Plomb	ppm	<1	<1	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	2	<1	1	0
Chrome	ppm	<1	0	<1	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	1	<1	2	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	15	10	14	8
Magnésium	ppm	1	2	<1	2
Zinc	ppm	23	24	31	13
Phosphore	ppm	972	1391	1441	1362
Baryum	ppm	0	0	0	0
Bore	ppm	170	320	221	314

T:  
F:

#### Diagnostic

We advise that you check for visible metal particles in the oil. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Moderate concentration of visible metal present. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: EACNAI  
Unique No: 5698190  
Signed: Kevin Marson  
Report Date: 27 Dec 2023



### GRAPHS

