

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(349196)] LIEBHERR L556 059592-1332 - Front Differential

Sample No: LH0281237

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0281237	LH0265591	LH0201200	LH0250736
Date d'échant.	23 Jan 2024	25 Oct 2023	17 Aug 2023	03 Mar 2023
Heures de la Machine	12000	11042	12000	8201
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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



#### ÉTAT D'HUILE

Visc 40°C	cSt	80.3	82.2	97.5	84.5

T:  
F:



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	1	4	1	3
Sodium	ppm	<1	<1	1	1
Potassium	ppm	<1	0	<1	<1

#### Diagnostic

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.



#### MÉTAUX D'USURE

Fer	ppm	157	172	26	587
Cuivre	ppm	2	3	22	28
Plomb	ppm	0	<1	1	<1
Étain	ppm	0	0	<1	1
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	0	2
Molybdène	ppm	12	9	0	16
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	<1	1	<1	6
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	8	9	15	13
Magnésium	ppm	1	2	3	<1
Zinc	ppm	21	59	14	22
Phosphore	ppm	1734	1631	2401	2105
Baryum	ppm	0	<1	0	0
Bore	ppm	3	21	279	50

**Depot:** EACNAI  
**Unique No:** 5747882  
**Signed:** Wes Davis  
**Report Date:** 18 Mar 2024



### GRAPHS

