

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(366970)] LIEBHERR L556 066890-1826 - Rear Differential

Sample No: LH0276941

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0276941	LH0265572	LH0250651	LH0223929
Date d'échant.	18 Jan 2024	03 Nov 2023	14 Mar 2023	21 Oct 2022
Heures de la Machine	10306	9032	5312	3245
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	79.9	319	80.2	91.4
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T:  
F:



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	2	3	5	6
Sodium	ppm	<1	1	2	3
Potassium	ppm	<1	<1	0	0

#### 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	88	102	115	124
Cuivre	ppm	18	38	37	61
Plomb	ppm	<1	<1	<1	4
Étain	ppm	2	2	3	3
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	1	<1	6	4
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	7	4	4	21
Magnésium	ppm	2	<1	<1	<1
Zinc	ppm	28	20	38	26
Phosphore	ppm	1999	2450	2585	3046
Baryum	ppm	0	<1	0	0
Bore	ppm	27	293	47	250

Depot: EACNAI  
 Unique No: 5736461  
 Signed: Wes Davis  
 Report Date: 01 Mar 2024



### GRAPHS

