

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 055418-1334 - Front Differential

Sample No: LH0274430

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.		LH0274430	LH0256595	LH0242635	LH0227509
Date d'échant.		15 Aug 2023	27 Mar 2023	04 Nov 2022	05 Apr 2022
Heures de la Machine		11526	10029	8865	6944
Heures de l'huile		0	0	0	0
Huile changée		Changed	N/A	Changed	Changed
Statut de l'échant.		NORMAL	NORMAL	NORMAL	NORMAL

CGC INC

55 THIRD LINE RD  
HAGERSVILLE, ON  
CA N0A 1H0

Contact: Mike Otterman  
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F:



#### ÉTAT D'HUILE

Visc 40°C	cSt	95.1	92.3	95.3	90.9
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#### CONTAMINATION

Silicium	ppm	4	3	3	4
Sodium	ppm	<1	<1	<1	3
Potassium	ppm	<1	<1	<1	1



#### MÉTAUX D'USURE

Fer	ppm	146	76	75	168
Cuivre	ppm	27	25	34	45
Plomb	ppm	<1	<1	1	2
Étain	ppm	2	2	2	4
Aluminium	ppm	1	<1	<1	<1
Chrome	ppm	1	<1	<1	2
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	<1	<1
Manganèse	ppm	2	1	1	3
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	12	13	12	11
Magnésium	ppm	2	2	1	2
Zinc	ppm	22	20	21	42
Phosphore	ppm	2353	2734	2670	3327
Baryum	ppm	0	0	0	0
Bore	ppm	294	290	291	278

#### 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.

Depot: CGCHAG

Unique No: 5629265

Signed: Wes Davis

Report Date: 16 Aug 2023



### GRAPHS

