

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 059953-1334 - Rear Differential

Sample No: LH0270301

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0270301	LH0284953	LH0242567	LH0203046
Date d'échant.	05 Mar 2024	01 Feb 2024	01 Oct 2022	27 Sep 2021
Heures de la Machine	7962	4939	3002	1012
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

THOMAS CAVANAGH CONSTRUCTION LTD  
RR # 2, 9094 CAVANAGH ROAD  
ASHTON, ON  
CA K0A 1B0  
Contact: Keith



#### ÉTAT D'HUILE

Visc 40°C	cSt	95.1	136	95.6	192
		●	●	●	●

T: (613)257-4995  
F: (613)253-0071



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	● 8	● 3	● 7	● 23
Sodium	ppm	● 2	● 1	● 3	● 7
Potassium	ppm	● <1	● 1	● <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	● 49	● 61	● 104	● 209
Cuivre	ppm	● 28	● 19	● 50	● 170
Plomb	ppm	● <1	● <1	● 1	● 5
Étain	ppm	● 1	● 2	● 3	● 10
Aluminium	ppm	● <1	● <1	● <1	● 2
Chrome	ppm	● <1	● <1	● 1	● 2
Molybdène	ppm	● 0	● 0	● 0	● <1
Nickel	ppm	● <1	● <1	● <1	● 2
Titane	ppm	● 0	● 0	● 0	● 0
Argent	ppm	<1	0	0	<1
Manganèse	ppm	● 1	● 5	● 10	45
Vanadium	ppm	0	0	0	<1



#### ADDITIFS

Calcium	ppm	270	● 6	● 27	● 12
Magnésium	ppm	● 4	● 1	● 2	● 2
Zinc	ppm	192	● 15	● 49	● 87
Phosphore	ppm	2678	● 2373	2812	● 2359
Baryum	ppm	● 0	● 0	● 0	● <1
Bore	ppm	34	● 119	● 286	● 3

Depot: CAVASH  
Unique No: 573777  
Signed: Kevin Marson  
Report Date: 08 Mar 2024



### GRAPHS

