

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 094197-1216 - Front Left Wheel Hub

Sample No: LH0284141

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0284141	LH0270003	LH0251216	LH0225156
Date d'échant.	18 Mar 2024	01 Nov 2023	13 Mar 2023	06 Oct 2022
Heures de la Machine	25297	23554	22266	21039
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

INDUSTRIES GDS INC.

207 ROUTE 295

VILLE-DEGELIS, QC

CA G5T 1R1

Contact: Martin Deschenes

mdeschenes@groupgds.com

T: (418)853-2566

F:



#### ÉTAT D'HUILE

Visc 40°C	cSt	190	185	175	172
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#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	● 3	● 8	● 6	● 2
Sodium	ppm	● 3	● 3	● 2	● 3
Potassium	ppm	● 0	● <1	● <1	● 0



#### MÉTAUX D'USURE

Fer	ppm	● 26	● 75	● 60	● 52
Cuivre	ppm	● 2	● 3	● 2	● 2
Plomb	ppm	● 0	● 0	● 0	● 0
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● 0	● 1	● <1	● <1
Chrome	ppm	● 0	● <1	● <1	● 0
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● 0	● <1	● <1	● <1
Titane	ppm	● 0	● 0	● <1	● 0
Argent	ppm	● 0	● <1	● 0	● 0
Manganèse	ppm	● 0	● <1	● <1	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



#### ADDITIFS

Calcium	ppm	● 7	● 7	● 3	● 7
Magnésium	ppm	● <1	● 1	● 0	● <1
Zinc	ppm	● 10	● 10	● 8	● 10
Phosphore	ppm	2287	2425	2373	2403
Baryum	ppm	● 0	● <1	● 0	● 0
Bore	ppm	● 3	● 13	● 12	● 21

#### 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: INDVIL

Unique No: 5748943

Signed: Wes Davis

Report Date: 21 Mar 2024



### GRAPHS

