

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(358696)] LIEBHERR R924LC 050422-1487 - Swing Drive

Sample No: LH0247509

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**SL EXCAVATION INC.**  
4626 COUNTY ROAD 29  
ALMONTE, ON  
CA K0A 1A0  
Contact: Service Manager



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0247509	LH0251715	LH0234853	LH0215969
Date d'échant.	14 Aug 2023	06 Jan 2023	07 Jul 2022	24 Dec 2021
Heures de la Machine	4043	2975	2009	1028
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	ABNORMAL	NORMAL



#### ÉTAT D'HUILE

Visc 40°C	cSt	125	96.7	167	110
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#### CONTAMINATION

Eau	%	0.074	---	---	---
Silicium	ppm	2	3	2	4
Sodium	ppm	1	1	3	1
Potassium	ppm	<1	<1	0	11



#### MÉTAUX D'USURE

Fer	ppm	205	73	327	597
Cuivre	ppm	<1	0	<1	<1
Plomb	ppm	0	0	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	2	<1	4	6
Molybdène	ppm	<1	0	<1	<1
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	1	<1	3	5
Vanadium	ppm	0	0	0	<1



#### ADDITIFS

Calcium	ppm	7	12	12	8
Magnésium	ppm	<1	2	<1	1
Zinc	ppm	14	14	8	11
Phosphore	ppm	2129	3374	2164	1350
Baryum	ppm	0	0	<1	<1
Bore	ppm	98	283	34	194

T:  
F:

#### 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. The water content is negligible. 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: SLEALM  
Unique No: 5630855  
Signed: Kevin Marson  
Report Date: 24 Aug 2023



### GRAPHS

