

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 097459-1216 - Rear Differential

Sample No: LH0277106

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



J.D. Irving

Truro Sawmill, 529 Valley Dale Road

Truro, NS

CA B2N 5C5

Contact: Sheldon Richardson

richardson.sheldon@jdirving.com

T: (902)890-9419

F:



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277106	LH0250293	LH0238566	LH0230395
Date d'échant.	23 Oct 2023	31 May 2023	24 Oct 2022	05 May 2022
Heures de la Machine	28718	26834	1000	22049
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	N/A	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



#### ÉTAT D'HUILE

Visc 40°C	cSt	101	97.8	99.2	97.9



#### CONTAMINATION

Élément	Unité	6	1	2	2
Silicium	ppm	6	1	2	2
Sodium	ppm	5	1	1	<1
Potassium	ppm	<1	1	0	0



#### MÉTAUX D'USURE

Élément	Unité	29	14	18	26
Fer	ppm	29	14	18	26
Cuivre	ppm	2	<1	<1	<1
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	0	0	0	0
Molybdène	ppm	<1	<1	0	0
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Élément	Unité	12	23	21	7
Calcium	ppm	12	23	21	7
Magnésium	ppm	4	11	2	1
Zinc	ppm	13	24	12	7
Phosphore	ppm	1301	1308	1328	1314
Baryum	ppm	<1	0	0	0
Bore	ppm	329	301	312	319

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: JDITRU

Unique No: 5668210

Signed: Wes Davis

Report Date: 23 Oct 2023



### GRAPHS

