

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 124550-1216 - Front Differential

Sample No: LH0278739

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



COMBINED METAL INDUSTRIES-PUBLIC YARD  
129 FENMAR DR  
TORONTO, ON  
CA M9L 1M7  
Contact: Greg Sacher  
gsacher@combinedmetal.com  
T: (416)642-7262  
F: x:



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0278739	LH0270579	LH0265851	LH0251637
Date d'échant.	04 Mar 2024	01 Aug 2023	11 Jun 2023	08 Feb 2023
Heures de la Machine	14018	11935	11340	10128
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



#### ÉTAT D'HUILE

Visc 40°C	cSt	90.9	104	104	92.2



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	<1	2	2	<1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	<1	0



#### MÉTAUX D'USURE

Fer	ppm	2	<1	1	1
Cuivre	ppm	2	1	2	<1
Plomb	ppm	<1	0	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	0	0	<1
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	2	11	3	<1
Magnésium	ppm	<1	2	1	<1
Zinc	ppm	3	9	8	2
Phosphore	ppm	737	1313	1353	781
Baryum	ppm	0	0	0	0
Bore	ppm	6	307	301	9

#### 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: COMTOR  
Unique No: 5737766  
Signed: Wes Davis  
Report Date: 07 Mar 2024



### GRAPHS

