

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(338032)] LIEBHERR LH50M 126428-1216 - Front Differential

Sample No: LH0296723

Oil Type: GEAR OIL SAE 75W90



**COMBINED METAL INDUSTRIES**  
454 DOBBIE DRIVE  
CAMBRIDGE, ON  
CA N1T 1S7  
Contact: Service Manager



#### Information sur l'échantillon

Número d'échant.	LH0296723	LH0286841	LH0274495	LH0256826
Date d'échant.	07 Jul 2024	10 Mar 2024	16 Aug 2023	03 Apr 2023
Heures de la Machine	12069	10987	9184	8117
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	101	104	106	102



#### Contamination

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



#### Métaux d'usure

Fer	ppm	5	1	3	2
Cuivre	ppm	6	3	13	8
Plomb	ppm	0	0	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	0	<1	<1	<1
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	15	22	18	8
Magnésium	ppm	2	1	1	1
Zinc	ppm	15	13	16	13
Phosphore	ppm	1217	1226	1318	1342
Baryum	ppm	0	0	0	0
Bore	ppm	307	307	317	312

T:  
F:

#### 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: COM454CAM  
Unique No: 5811991  
Signed: Wes Davis  
Report Date: 09 Jul 2024



### Graphs

