

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(341435)] LIEBHERR LH50M 128733-1216 - Front Differential

Sample No: LH0289412

Oil Type: GEAR OIL SAE 80W90



#### Information sur l'échantillon

Número d'échant.	LH0289412	LH0286552	LH0277775	LH0256937
Date d'échant.	17 Jun 2024	19 Mar 2024	20 Nov 2023	11 Jun 2023
Heures de la Machine	10161	9241	8180	14253
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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



#### État d'huile

Visc 40°C	cSt	105	106	105	107

T:  
F:



#### Contamination

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

#### 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.



#### Métaux d'usure

Fer	ppm	1	2	2	1
Cuivre	ppm	5	2	10	4
Plomb	ppm	0	0	<1	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	<1	0	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	8	7	11	3
Magnésium	ppm	2	2	2	<1
Zinc	ppm	10	8	12	8
Phosphore	ppm	1257	1237	1220	1391
Baryum	ppm	0	0	<1	0
Bore	ppm	309	309	313	312

Depot: COM454CAM  
Unique No: 5800192  
Signed: Wes Davis  
Report Date: 18 Jun 2024



### Graphs

