

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(341437)] LIEBHERR LH50M 128335-1216 - Front Differential

Sample No: LH0277473

Oil Type: GEAR OIL SAE 75W90



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277473	LH0270155	LH0266032	LH0251792
Date d'échant.	20 Nov 2023	27 Sep 2023	25 Jul 2023	22 Feb 2023
Heures de la Machine	11104	10573	9871	8255
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

COMBINED METAL INDUSTRIES-PUBLIC YARD  
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#### ÉTAT D'HUILE

Visc 40°C	cSt	101	94.5	105	103



#### CONTAMINATION

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



#### MÉTAUX D'USURE

Fer	ppm	35	<1	3	1
Cuivre	ppm	14	8	14	4
Plomb	ppm	<1	0	<1	0
Étain	ppm	0	0	0	<1
Aluminium	ppm	0	<1	<1	<1
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	<1	<1	0	0
Manganèse	ppm	0	0	<1	0
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	8	3	6	8
Magnésium	ppm	1	<1	2	2
Zinc	ppm	8	7	15	11
Phosphore	ppm	1155	769	1329	1316
Baryum	ppm	<1	<1	0	0
Bore	ppm	269	55	314	309

#### 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: COMTOR  
Unique No: 5683047  
Signed: Wes Davis  
Report Date: 21 Nov 2023



### GRAPHS

