



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

Sample No: LH0270154

Oil Type: GEAR OIL SAE 75W90



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270154	LH0266034	LH0251791	LH0242594
Date d'échant.	27 Sep 2023	25 Jul 2023	22 Feb 2023	14 Nov 2022
Heures de la Machine	10573	9871	8255	7200
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	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	104	101	101	103
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#### CONTAMINATION

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



#### MÉTAUX D'USURE

Élément	Unité	6	14	9	13
Fer	ppm	6	14	9	13
Cuivre	ppm	4	9	3	9
Plomb	ppm	0	0	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	0	<1	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	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Élément	Unité	10	7	8	9
Calcium	ppm	10	7	8	9
Magnésium	ppm	<1	2	2	<1
Zinc	ppm	10	14	11	13
Phosphore	ppm	1188	1320	1314	1371
Baryum	ppm	<1	0	0	0
Bore	ppm	274	313	305	288

#### 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: 5654993  
Signed: Wes Davis  
Report Date: 28 Sep 2023



### GRAPHS

