

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0270155

Oil Type: GEAR OIL SAE 75W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270155	LH0266032	LH0251792	LH0242435
Date d'échant.	27 Sep 2023	25 Jul 2023	22 Feb 2023	12 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

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ÉTAT D'HUILE

Visc 40°C	cSt	94.5	105	103	104
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CONTAMINATION

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



MÉTAUX D'USURE

Élément	Unité	<1	3	1	2
Fer	ppm	<1	3	1	2
Cuivre	ppm	8	14	4	19
Plomb	ppm	0	<1	0	<1
Étain	ppm	0	0	<1	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Élément	Unité	3	6	8	8
Calcium	ppm	3	6	8	8
Magnésium	ppm	<1	2	2	<1
Zinc	ppm	7	15	11	18
Phosphore	ppm	769	1329	1316	1362
Baryum	ppm	<1	0	0	0
Bore	ppm	55	314	309	289

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: 5654992
Signed: Wes Davis
Report Date: 28 Sep 2023



GRAPHS

