

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 139284-1253 - Front Left Wheel Hub

Sample No: LH0241900

Oil Type: LIEBHERR GEAR BASIC 90 LS



**HUBERT & FILS**

474 ROUTE 105  
BOIS-FRANC, QC  
CA J9E 3A9

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#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0241900	LH0241888	LH0241876	LH0239957
Date d'échant.	01 Mar 2024	05 Jan 2024	31 Oct 2023	04 Sep 2023
Heures de la Machine	3900	3235	2739	2265
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	129	188	182	182
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#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	1	4	1	1
Sodium	ppm	2	3	4	5
Potassium	ppm	<1	<1	1	0



#### MÉTAUX D'USURE

Fer	ppm	25	48	26	20
Cuivre	ppm	1	1	1	3
Plomb	ppm	0	0	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	0	<1	<1	<1
Chrome	ppm	0	<1	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	0	<1	0	0
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	27	48	67	114
Magnésium	ppm	<1	<1	<1	<1
Zinc	ppm	13	12	16	36
Phosphore	ppm	1486	2270	2277	2262
Baryum	ppm	<1	0	0	<1
Bore	ppm	1	2	2	5

#### Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: HUBBOI

Unique No: 5750485

Signed: Wes Davis

Report Date: 28 Mar 2024



### GRAPHS

