

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 058691-1464 - Front Differential

Sample No: LH0286657

Oil Type: GEAR OIL SAE 75W90



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0286657	LH	---	---
Date d'échant.	19 Mar 2024	14 Jul 2022	---	---
Heures de la Machine	3920	997	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	ABNORMAL	NORMAL	---	---

**OXFORD SAND AND GRAVEL LTD**  
594728 OXFORD 59  
WOODSTOCK, ON  
CA N4S 7V8  
Contact: Service Manager



#### ÉTAT D'HUILE

Visc 40°C	cSt	● 93.4	● 111	---	---
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T:  
F:



#### CONTAMINATION

Eau	%	NEG	NEG	---	---
Silicium	ppm	● 6	● 7	---	---
Sodium	ppm	● 1	● 3	---	---
Potassium	ppm	● <1	● <1	---	---

#### Diagnostic

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm. Copper and tin ppm levels are abnormal. Thrust washer and/or bearing/bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



#### MÉTAUX D'USURE

Fer	ppm	● 154	● 80	---	---
Cuivre	ppm	● 121	● 47	---	---
Plomb	ppm	● 2	● 1	---	---
Étain	ppm	● 7	● 3	---	---
Aluminium	ppm	● 0	● <1	---	---
Chrome	ppm	● <1	● <1	---	---
Molybdène	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	● <1	---	---
Titane	ppm	● 0	● 0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	● 3	● 13	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIFS

Calcium	ppm	● 9	● 9	---	---
Magnésium	ppm	● 2	● 2	---	---
Zinc	ppm	● 40	● 26	---	---
Phosphore	ppm	● 2239	2583	---	---
Baryum	ppm	● 0	● 0	---	---
Bore	ppm	● 252	● 218	---	---

Depot: OXF594WOO  
Unique No: 5748624  
Signed: Kevin Marson  
Report Date: 20 Mar 2024



### GRAPHS

