

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(365443)] LIEBHERR R966 054115-1783 - Swing Drive

Sample No: LH0284952

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284952	LH0277608	---	---
Date d'échant.	29 Jan 2024	29 Nov 2023	---	---
Heures de la Machine	2854	0	---	---
Heures de l'huile	0	0	---	---
Huile changée	Not Changd	Not Changd	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---

#### CON-DRAIN LTD.

30 FLORAL PARKWAY  
CONCORD, ON  
CA L4K 4R1

Contact: B BAXTER

B.BAXTER@CONDRAIN.COM

T:

F:



#### ÉTAT D'HUILE

Visc 40°C	cSt	● 183	● 143	---	---
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#### CONTAMINATION

Eau	%	NEG	NEG	---	---
Silicium	ppm	● 2	● 3	---	---
Sodium	ppm	● 2	● 2	---	---
Potassium	ppm	● 2	● <1	---	---



#### MÉTAUX D'USURE

Fer	ppm	● 20	● 451	---	---
Cuivre	ppm	● 2	● 53	---	---
Plomb	ppm	● <1	● 3	---	---
Étain	ppm	● 0	● 3	---	---
Aluminium	ppm	● 1	● <1	---	---
Chrome	ppm	● <1	● 4	---	---
Molybdène	ppm	● 0	● 1	---	---
Nickel	ppm	● <1	● 2	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	<1	---	---
Manganèse	ppm	● 4	● 3	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIFS

Calcium	ppm	39	● 19	---	---
Magnésium	ppm	● 1	● 2	---	---
Zinc	ppm	48	● 27	---	---
Phosphore	ppm	● 2197	● 1228	---	---
Baryum	ppm	● 2	● 0	---	---
Bore	ppm	● 2	● 165	---	---

#### 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: CON30CON

Unique No: 5721678

Signed: Wes Davis

Report Date: 31 Jan 2024



### GRAPHS

