

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R966 048797 - Swing Drive

Sample No: LH

Oil Type: Swing Drive Oil



#### Information sur l'échantillon

Numéro d'échant.	LH	---	---	---
Date d'échant.	17 Apr 2023	---	---	---
Heures de la Machine	1611	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	NORMAL	---	---	---

#### Liebherr Canada

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 Richmond, BC  
 CA V6W 1J8  
 Contact: Kevin Steer  
 kevin.steer@liebherr.com  
 T:  
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#### État d'huile

Visc 40°C	cSt	● 185	---	---	---
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#### Contamination

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



#### Métaux d'usure

Fer	ppm	● 38	---	---	---
Cuivre	ppm	● 72	---	---	---
Plomb	ppm	● 2	---	---	---
Étain	ppm	● <1	---	---	---
Aluminium	ppm	● 0	---	---	---
Chrome	ppm	● 0	---	---	---
Molybdène	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



#### Additifs

Calcium	ppm	● 13	---	---	---
Magnésium	ppm	● 32	---	---	---
Zinc	ppm	● 52	---	---	---
Phosphore	ppm	● 2367	---	---	---
Baryum	ppm	● 0	---	---	---
Bore	ppm	● 34	---	---	---

#### Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80W90 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. 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: LIERIC  
 Unique No: 5565175  
 Signed: Kevin Marson  
 Report Date: 18 Apr 2023



### Graphs

