

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R930 056477-1716 - Swing Drive

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	26 Dec 2023	---	---	---
Machine Hours	1100	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**ENTREPRISES JONATHAN LECOURS**  
 7 RUE DE L'ANSE  
 SAINTE-THECLE, QC  
 CA G0X 3G0  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	● 192	---	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● <1	---	---	---

#### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) GEAR OIL SAE 80W90. Veuillez confirmer. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



#### WEAR METALS

Iron	ppm	● 176	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 13	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 13	---	---	---
Phosphorus	ppm	● 1515	---	---	---
Barium	ppm	● 7	---	---	---
Boron	ppm	● 3	---	---	---

**Depot:** ENT7SAI2  
**Unique No:** 5698488  
**Signed:** Wes Davis  
**Report Date:** 28 Dec 2023



### GRAPHS

