

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R945 056625-1866 - Splitter Box

Sample No: LH0269941

Oil Type: LIEBHERR GEAR BASIC 90 LS



**SINTRA INC. DIVISION OUEST**  
 499 CHEMIN FORET  
 ST-PAUL, QC  
 CA J0K 3E0  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0269941	---	---	---
Sample Date	18 Aug 2023	---	---	---
Machine Hours	502	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 191	---	---	---
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#### CONTAMINATION

Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 2	---	---	---



#### WEAR METALS

Iron	ppm	● 17	---	---	---
Copper	ppm	● 1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 12	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 25	---	---	---
Phosphorus	ppm	● 1508	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 1	---	---	---

T:  
F:

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

**Depot:** SIN499STP  
**Unique No:** 5630642  
**Signed:** Wes Davis  
**Report Date:** 22 Aug 2023



### GRAPHS

