

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R945 056625-1866 - Right Final Drive

Sample No: LH0256359

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0256359	---	---	---
Sample Date	18 Aug 2023	---	---	---
Machine Hours	502	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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



#### OIL CONDITION

Visc @ 40°C	cSt	● 199	---	---	---
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T:  
F:



#### CONTAMINATION

Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 3	---	---	---

#### 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.



#### WEAR METALS

Iron	ppm	● 143	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	31	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 14	---	---	---
Phosphorus	ppm	1180	---	---	---
Barium	ppm	● 15	---	---	---
Boron	ppm	● <1	---	---	---

Depot: SIN499STP  
Unique No: 5630643  
Signed: Wes Davis  
Report Date: 22 Aug 2023



### GRAPHS

