

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R920 049306-1705 - Right Final Drive

Sample No: LH0279584

Oil Type: LIEBHERR GEAR BASIC 90 LS



**MINI EXCAVATION PATRICE BENARD**  
 27 DES EPERVIERS  
 ST-JEAN-SUR-RICHELIEU, QC  
 CA J2W 2S3  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0279584	---	---	---
Sample Date	02 Nov 2023	---	---	---
Machine Hours	566	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 194	---	---	---
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T:  
F:



#### CONTAMINATION

Silicon	ppm	● 188	---	---	---
Sodium	ppm	● 15	---	---	---
Potassium	ppm	● 19	---	---	---

#### 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	● 370	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 53	---	---	---
Chromium	ppm	● 5	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	3	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 5	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	54	---	---	---
Magnesium	ppm	● 13	---	---	---
Zinc	ppm	57	---	---	---
Phosphorus	ppm	1261	---	---	---
Barium	ppm	● 15	---	---	---
Boron	ppm	● 4	---	---	---

Depot: MINSTJ  
 Unique No: 5671370  
 Signed: Kevin Marson  
 Report Date: 06 Nov 2023



### GRAPHS

