

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R920 049306-1705 - Left Final Drive

Sample No: LH0279585

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	LH0279585	---	---	---
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	● 63	---	---	---
Sodium	ppm	● 9	---	---	---
Potassium	ppm	● 8	---	---	---

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	● 160	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 20	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	26	---	---	---
Magnesium	ppm	● 6	---	---	---
Zinc	ppm	55	---	---	---
Phosphorus	ppm	1250	---	---	---
Barium	ppm	● 10	---	---	---
Boron	ppm	● 4	---	---	---

Depot: MINSTJ
 Unique No: 5671374
 Signed: Wes Davis
 Report Date: 06 Nov 2023



GRAPHS

