

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 070558-1762 - Rear Left Wheel Hub

Sample No: LH0275621

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0275621	---	---	---
Sample Date	02 Jan 2024	---	---	---
Machine Hours	797	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HUBERT ET FILS INC
 1012 CHEMIN DE PARC INDUSTRIEL
 BOIS-FRANC, QC
 CA J9E 3A9
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 191	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 21	---	---	---
Sodium	ppm	● 9	---	---	---
Potassium	ppm	● 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 184	---	---	---
Copper	ppm	● 28	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	8	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	37	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 14	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 124	---	---	---
Phosphorus	ppm	● 2219	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 1	---	---	---

Depot: HUB101BOI
Unique No: 5710205
Signed: Kevin Marson
Report Date: 16 Jan 2024



GRAPHS

