

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 070558-1762 - Front Differential

Sample No: LH0275613

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0275613	---	---	---
Sample Date	02 Jan 2024	---	---	---
Machine Hours	797	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
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	● 192	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 20	---	---	---
Sodium	ppm	● 9	---	---	---
Potassium	ppm	● 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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	● 289	---	---	---
Copper	ppm	● 98	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	13	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	68	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 9	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 153	---	---	---
Phosphorus	ppm	● 2240	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 1	---	---	---

Depot: HUB101BOI
Unique No: 5710215
Signed: Kevin Marson
Report Date: 16 Jan 2024



GRAPHS

