

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 032314 - Front Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH0208250	---	---
Sample Date	10 Nov 2023	16 Jan 2023	---	---
Machine Hours	15486	14000	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

HUBERT & FILS

474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9

Contact: Eric Brisebois
ericbrisebois99@gmail.com

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OIL CONDITION

Visc @ 40°C	cSt	189	180	---	---
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CONTAMINATION

Silicon	ppm	4	2	---	---
Sodium	ppm	0	1	---	---
Potassium	ppm	0	0	---	---

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	252	58	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	4	1	---	---
Molybdenum	ppm	11	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	6	0	---	---
Magnesium	ppm	<1	0	---	---
Zinc	ppm	4	2	---	---
Phosphorus	ppm	2309	2450	---	---
Barium	ppm	0	0	---	---
Boron	ppm	13	<1	---	---

Depot: HUBBOI
Unique No: 5681737
Signed: Wes Davis
Report Date: 15 Nov 2023



GRAPHS

