

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 069050-1760 - Rear Right Wheel Hub

Sample No: LH0240414

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0240414	LH0240392	LH0240381	---
Sample Date	15 Sep 2023	04 Mar 2023	13 Dec 2022	---
Machine Hours	4000	2000	1005	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

PRODUITS FORESTIERS D.G. LTEE
 313 RANG ST-JOSEPH
 STE-AURELIE, QC
 CA G0M 1M0
 Contact: Roger .



OIL CONDITION

Visc @ 40°C	cSt	184	182	193	---
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T: (418)593-3547
 F: (418)593-3633



CONTAMINATION

Silicon	ppm	10	6	29	---
Sodium	ppm	4	<1	6	---
Potassium	ppm	2	<1	2	---

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	143	50	252	---
Copper	ppm	100	74	206	---
Lead	ppm	3	2	5	---
Tin	ppm	9	4	12	---
Aluminum	ppm	<1	<1	2	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	<1	<1	2	---
Titanium	ppm	0	0	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	7	6	58	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	13	6	9	---
Magnesium	ppm	12	3	3	---
Zinc	ppm	155	25	64	---
Phosphorus	ppm	2428	2493	2351	---
Barium	ppm	0	0	0	---
Boron	ppm	1	<1	2	---

Depot: PRO9STE
 Unique No: 5645568
 Signed: Bill Quesnel
 Report Date: 21 Sep 2023



GRAPHS

