

LIEBHERR

CONSTRUCTION EQUIPMENT



[(368069)] LIEBHERR L580 066027-1760 - Front Right Wheel

Sample No: LH0225612

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0225612	LH0225601	LH0225590	---
Sample Date	23 Oct 2023	17 Mar 2023	06 Oct 2022	---
Machine Hours	3146	1969	1137	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

GENERAL RECYCLING INDUSTRIES LTD.
4120 - 84 AVENUE NW
EDMONTON, AB
CA T6B 3H3
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Oil Condition

Visc @ 40°C	cSt	148	87.6	96.0	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	3	4	---
Sodium	ppm	2	2	2	---
Potassium	ppm	<1	1	<1	---



Wear Metals

Iron	ppm	13	32	27	---
Copper	ppm	4	18	21	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	1	1	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	2	2	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	4	7	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	11	43	36	---
Magnesium	ppm	2	20	17	---
Zinc	ppm	17	66	54	---
Phosphorus	ppm	2099	1195	1261	---
Barium	ppm	0	0	0	---
Boron	ppm	26	102	90	---

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.

Depot: GEN156EDM
Unique No: 5776499
Signed: Wes Davis
Report Date: 14 May 2024



Graphs

