

LIEBHERR

CONSTRUCTION EQUIPMENT



[(368069)] LIEBHERR L580 066027-1760 - Front Differential

Sample No: LH0225594

Oil Type: GEAR OIL SAE 80



SAMPLE INFORMATION

Sample Number	LH0225594	LH0225583	---	---
Sample Date	17 Mar 2023	09 Sep 2022	---	---
Machine Hours	1969	962	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

GENERAL RECYCLING INDUSTRIES LTD.
 4120 - 84 AVENUE
 EDMONTON, AB
 CA T6B 3H3
 Contact: Corey MacKay
 cmackay@trailco.ca
 T: (587)926-1610
 F: (780)485-4294



OIL CONDITION

Visc @ 40°C	cSt	87.6	195	---	---
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CONTAMINATION

Silicon	ppm	3	13	---	---
Sodium	ppm	2	5	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	30	52	---	---
Copper	ppm	18	79	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	1	3	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	18	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	41	11	---	---
Magnesium	ppm	18	2	---	---
Zinc	ppm	64	25	---	---
Phosphorus	ppm	1194	2371	---	---
Barium	ppm	0	0	---	---
Boron	ppm	102	2	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80. Please confirm. 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: 5629970
Signed: Wes Davis
Report Date: 18 Aug 2023



GRAPHS

