# CONSTRUCTION EQUIPMENT

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

Sample No: LH0225605

Sadium

Oil Type: GEAR OIL SAE 80W90

### SAMPLE INFORMATION

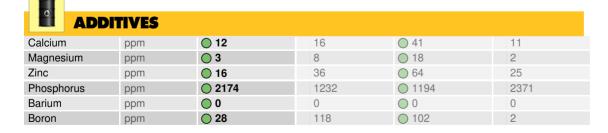
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Sample Number		LH0225605	LH0224765	LH0225594	LH0225583
Sample Date		11 Jul 2023	01 May 2023	17 Mar 2023	09 Sep 2022
Machine Hours		2652	2191	1969	962
Oil Hours		0	0	0	0
Oil Changed		N/A	Not Changd	N/A	Changed
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL
OIL CO	ONDITION				
Visc @ 40°C	cSt	0 148	84.4	87.6	195
		ON			
Silicon	ppm	<b>3</b>	2	3	13

Sodium	ppm	02	$\bigcirc$ 1	02	$\bigcirc$ 5	
Potassium	ppm	<b>○</b> <1	0	0 1	◯ <1	
*						
	R METALS	;				
Iron	ppm	28	0 15	0 30	52	
Copper	ppm	07	0 4	0 18	○ 79	
Lead	ppm	0 🔘	◯ <1	◯ <1	2	
Tin	ppm	<b>○</b> <1	○ <1	0 1	3	
Aluminum	ppm	<b>○</b> <1	0	◯ <1	○ <1	
Chromium	ppm	<b>○</b> <1	0 (	◯ <1	○ <1	
Molybdenum	ppm	<b>○</b> <1	<1	2	0	
Nickel	ppm	<b>○</b> <1	0 ()	0	○ <1	
Titanium	ppm	0 🔘	0	0	0	
Silver	ppm	0	<1	0	0	
Manganese	ppm	04	1	0 4	18	
Vanadium	ppm	0	0	0	0	

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#### 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

#### 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 80W90. 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:	GEN156
Unique No:	5629975
Signed:	Wes Da
Report Date:	18 Aug 2

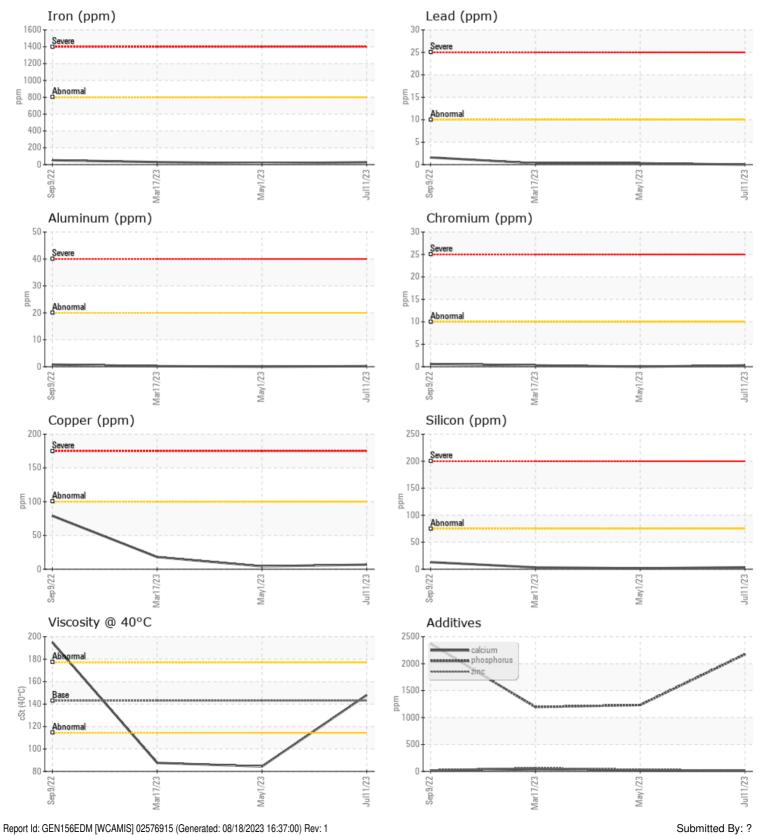
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**GRAPHS** 

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Submitted By: ?