

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 038365-1170 - Rear Differential

Sample No: LH
 Oil Type: NOT GIVEN



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
 Contact: Steve Lehto
 steve.lehto@liebherr.com
 T: (905)319-9222
 F: (905)319-6617



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	11141	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	60.1	---	---	---
-------------	-----	------	-----	-----	-----



CONTAMINATION

Silicon	ppm	6	---	---	---
Sodium	ppm	7	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	39	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	10	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2523	---	---	---
Magnesium	ppm	23	---	---	---
Zinc	ppm	992	---	---	---
Phosphorus	ppm	1223	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	116	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80 Tractor TDH Fluid. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. 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: LIEMIS
 Unique No: 5658770
 Signed: Wes Davis
 Report Date: 18 Oct 2023



GRAPHS

