

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 73617 - Front Axle

Sample No: LH0274702

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0274702	---	---	---
Sample Date	24 Aug 2023	---	---	---
Machine Hours	1011	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE

BURLINGTON, ON

CA L7L 5Z8

Contact: Joseph Rodgers

joseph.rodgers@liebherr.com

T: (905)319-9222

F: (905)319-6622



OIL CONDITION

Visc @ 40°C	cSt	192	---	---	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	19	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	168	---	---	---
Copper	ppm	61	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	5	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	18	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	7	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	25	---	---	---
Phosphorus	ppm	2340	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	3	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80W90 Gear Oil. 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: 5631599

Signed: Kevin Marson

Report Date: 28 Aug 2023



GRAPHS

