

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 73936 - Splitter Box

Sample No: LH0277491

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0277491	LH0274635	---	---
Sample Date	23 Oct 2023	16 Aug 2023	---	---
Machine Hours	1007	530	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE

BURLINGTON, ON

CA L7L 5Z8

Contact: Joseph Rodgers

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OIL CONDITION

Visc @ 40°C	cSt	103	190	---	---
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CONTAMINATION

Silicon	ppm	2	2	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	2	6	---	---



WEAR METALS

Iron	ppm	26	40	---	---
Copper	ppm	1	1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	0	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	16	15	---	---
Magnesium	ppm	3	9	---	---
Zinc	ppm	22	56	---	---
Phosphorus	ppm	1443	2320	---	---
Barium	ppm	2	9	---	---
Boron	ppm	271	5	---	---

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: LIEMIS

Unique No: 5668582

Signed: Wes Davis

Report Date: 25 Oct 2023



GRAPHS

