

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 73916 - Splitter Box

Sample No: LH0277537

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0277537	LH0277821	LH0270427	---
Sample Date	21 Jan 2024	27 Nov 2023	17 Sep 2023	---
Machine Hours	1515	1059	583	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE
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OIL CONDITION

Visc @ 40°C	cSt	98.3	101	186	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	1	3	---
Sodium	ppm	<1	1	6	---
Potassium	ppm	1	<1	1	---

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.



WEAR METALS

Iron	ppm	11	30	84	---
Copper	ppm	<1	1	1	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	0	<1	1	---
Molybdenum	ppm	0	0	1	---
Nickel	ppm	<1	<1	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	<1	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	19	31	58	---
Magnesium	ppm	2	2	13	---
Zinc	ppm	21	36	139	---
Phosphorus	ppm	1282	1303	2362	---
Barium	ppm	0	2	14	---
Boron	ppm	311	262	5	---

Depot: LIEMIS
Unique No: 5711454
Signed: Wes Davis
Report Date: 22 Jan 2024



GRAPHS

