

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 74710 - Splitter Box

Sample No: LH0270540

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0270540	LH0270114	---	---
Sample Date	13 Mar 2024	25 Sep 2023	---	---
Machine Hours	2276	430	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE
BURLINGTON, ON
CA L7L 5Z8

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OIL CONDITION

Visc @ 40°C	cSt	92.3	● 189	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● <1	● 3	---	---
Sodium	ppm	● <1	● 4	---	---
Potassium	ppm	● <1	● 6	---	---

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	● 21	● 114	---	---
Copper	ppm	● <1	● 2	---	---
Lead	ppm	● 0	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● 1	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	● 2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	● 0	● 4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 42	● 21	---	---
Magnesium	ppm	● 2	● 15	---	---
Zinc	ppm	● 49	● 95	---	---
Phosphorus	ppm	● 1286	● 2272	---	---
Barium	ppm	● 0	● 8	---	---
Boron	ppm	● 304	● 3	---	---

Depot: LIEMIS
Unique No: 5747211
Signed: Wes Davis
Report Date: 14 Mar 2024



GRAPHS

