

LIEBHERR

CONSTRUCTION EQUIPMENT



111446 - Left Final Drive

Sample No: LH0151089

Oil Type: SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0151089	---	---	---
Sample Date	04 Jan 2024	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Liebherr Canada

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 Richmond, BC
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OIL CONDITION

Visc @ 40°C	cSt	197	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 5	---	---	---
Potassium	ppm	● 2	---	---	---

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	● 59	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 10	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 14	---	---	---
Phosphorus	ppm	● 1108	---	---	---
Barium	ppm	● 15	---	---	---
Boron	ppm	● <1	---	---	---

Depot: LIERIC
 Unique No: 5709029
 Signed: Wes Davis
 Report Date: 10 Jan 2024



GRAPHS

