

LIEBHERR

CONSTRUCTION EQUIPMENT



72367 -1Axle

Sample No: LH0250447

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0250447	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

LIEBHERR CANADA LTD.

10374 267 ST.

ACHESON, AB

CA T7X 6A2

Contact: Dustin Fluet

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OIL CONDITION

Visc @ 40°C	cSt	● 97.2	---	---	---
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CONTAMINATION

Silicon	ppm	● 6	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <1	---	---	---



WEAR METALS

Iron	ppm	● 12	---	---	---
Copper	ppm	● 212	---	---	---
Lead	ppm	● 5	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 1	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 101	---	---	---
Phosphorus	ppm	● 1480	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 251	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm. Copper ppm levels are abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: LIESPR

Unique No: 5604667

Signed: Kevin Marson

Report Date: 05 Jul 2023



GRAPHS

