

LIEBHERR

CONSTRUCTION EQUIPMENT



[SUBLATOS] LIEBHERR R934 54888 - Right Final Drive

Sample No: LH0225120

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0225120	LH0224984	---	---
Sample Date	29 May 2023	14 Mar 2023	---	---
Machine Hours	971	577	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

LIEBHERR CANADA LTD.

10374 267 ST.
ACHESON, AB
CA T7X 6A2
Contact: Dustin Fluet
dustin.fluet@liebherr.com
T: (780)962-6088
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OIL CONDITION

Visc @ 40°C	cSt	116	202	---	---
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CONTAMINATION

Silicon	ppm	60	97	---	---
Sodium	ppm	4	8	---	---
Potassium	ppm	3	8	---	---



WEAR METALS

Iron	ppm	205	419	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	9	19	---	---
Chromium	ppm	4	9	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	1	2	---	---
Titanium	ppm	0	1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	5	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	40	35	---	---
Magnesium	ppm	6	4	---	---
Zinc	ppm	19	19	---	---
Phosphorus	ppm	1251	1321	---	---
Barium	ppm	4	10	---	---
Boron	ppm	214	5	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

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: LIESPR
Unique No: 5655228
Signed: Wes Davis
Report Date: 02 Oct 2023



GRAPHS

