

LIEBHERR

CONSTRUCTION EQUIPMENT



[(363347)] LIEBHERR R934 054150-1550 - Right Final Drive

Sample No: LH0218929
 Oil Type: GEAR OIL SAE 90



SAMPLE INFORMATION

Sample Number	LH0218929	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	1040	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

KARSON SAND & GRAVEL INC
 3733 CARP ROAD
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 Contact: Richard Simard
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 T: (613)407-0460
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OIL CONDITION

Visc @ 40°C	cSt	● 110	---	---	---
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CONTAMINATION

Silicon	ppm	● 350	---	---	---
Sodium	ppm	● 23	---	---	---
Potassium	ppm	● 26	---	---	---



WEAR METALS

Iron	ppm	● 550	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 80	---	---	---
Chromium	ppm	● 9	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 3	---	---	---
Titanium	ppm	● 5	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 7	---	---	---
Vanadium	ppm	● <1	---	---	---



ADDITIVES

Calcium	ppm	● 75	---	---	---
Magnesium	ppm	● 24	---	---	---
Zinc	ppm	● 14	---	---	---
Phosphorus	ppm	● 825	---	---	---
Barium	ppm	● 5	---	---	---
Boron	ppm	● 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 90. 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: KAR373CAR
 Unique No: 5631237
 Signed: Wes Davis
 Report Date: 24 Aug 2023



GRAPHS

