

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0218928

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0218928	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	1040	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

KARSON SAND & GRAVEL INC
 3733 CARP ROAD
 CARP, ON
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 T: (613)407-0460
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OIL CONDITION

Visc @ 40°C	cSt	● 113	---	---	---
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CONTAMINATION

Silicon	ppm	● 534	---	---	---
Sodium	ppm	● 35	---	---	---
Potassium	ppm	● 39	---	---	---



WEAR METALS

Iron	ppm	● 854	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 122	---	---	---
Chromium	ppm	● 12	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 3	---	---	---
Titanium	ppm	● 6	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 10	---	---	---
Vanadium	ppm	● <1	---	---	---



ADDITIVES

Calcium	ppm	● 120	---	---	---
Magnesium	ppm	● 38	---	---	---
Zinc	ppm	● 14	---	---	---
Phosphorus	ppm	● 845	---	---	---
Barium	ppm	● 5	---	---	---
Boron	ppm	● 4	---	---	---

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 80W90. Please confirm. Metal levels are typical for a new component breaking in. 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: 5631236
 Signed: Kevin Marson
 Report Date: 24 Aug 2023



GRAPHS

