

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R974 025012 - Front Right Wheel Hub

Sample No: LH0266111

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0266111	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	16967	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

NELSON AGGREGATE

3114 BURNSIDE LINE
SEVERN, ON
CA L3V 0W1
Contact: Service Manager
sales@nelsonaggregate.com
T: (705)325-2264
F: (705)325-2265



OIL CONDITION

Visc @ 40°C	cSt	93.0	---	---	---
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CONTAMINATION

Silicon	ppm	13	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	388	---	---	---
Copper	ppm	35	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	3	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	24	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	29	---	---	---
Phosphorus	ppm	1259	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	265	---	---	---

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: NELSEV
Unique No: 5607783
Signed: Wes Davis
Report Date: 18 Jul 2023



GRAPHS

