

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L524 020079-659 - Front Right Wheel Hub

Sample No: LH06152678

Oil Type: GEAR OIL SAE 80W90



Sample Information

Sample Number	LH06152678	---	---	---
Sample Date	02 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608
Contact: RYAN WISE
ryan.wise@simsmm.com
T:
F:



Oil Condition

Visc @ 40°C	cSt	● 135	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 7	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 5	---	---	---



Wear Metals

Iron	ppm	● 309	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 27	---	---	---
Magnesium	ppm	● 5	---	---	---
Zinc	ppm	● 13	---	---	---
Phosphorus	ppm	● 2318	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	359	---	---	---

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.

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: SIMCHIL
Unique No: 10982756
Signed: Wes Davis
Report Date: 18 Apr 2024



Graphs

