

LIEBHERR

CONSTRUCTION EQUIPMENT



26651 - Front Left Wheel Hub

Sample No: LH0286671

Oil Type: GEAR OIL SAE 90W140



SAMPLE INFORMATION

Sample Number	LH0286671	---	---	---
Sample Date	01 Apr 2024	---	---	---
Machine Hours	626	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
 Contact: Joseph Rodgers
 joseph.rodgers@liebherr.com
 T:
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OIL CONDITION

Visc @ 40°C	cSt	● 324	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 13	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 2	---	---	---



WEAR METALS

Iron	ppm	● 101	---	---	---
Copper	ppm	● 27	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 33	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 20	---	---	---
Phosphorus	ppm	● 1081	---	---	---
Barium	ppm	● 46	---	---	---
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 90W140. 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: LIEMIS
 Unique No: 5759297
 Signed: Wes Davis
 Report Date: 03 Apr 2024



GRAPHS

