

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR T60-9 024742-1709 - Front Left Wheel Hub

Sample No: LH0279293

Oil Type: LIEBHERR GEAR MF 80W



#### SAMPLE INFORMATION

Sample Number	LH0279293	---	---	---
Sample Date	01 Feb 2024	---	---	---
Machine Hours	1012	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**LES EQUIPEMENTS SPM**  
 551 RUE J OSWALD FOREST  
 SAINT-ROCH-DE-L'ACHIGAN, QC  
 CA J0K 3H0  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	188	---	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	23	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	5	---	---	---

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	175	---	---	---
Copper	ppm	113	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	38	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	106	---	---	---
Phosphorus	ppm	2211	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	3	---	---	---

**Depot:** LES551SAI2  
**Unique No:** 5723251  
**Signed:** Kevin Marson  
**Report Date:** 08 Feb 2024



### GRAPHS

