

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR T60-9 024742-1709 - Rear Left Wheel Hub

Sample No: LH0279055

Oil Type: LIEBHERR GEAR MF 80W



SAMPLE INFORMATION

Sample Number	LH0279055	---	---	---
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	184	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	22	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	176	---	---	---
Copper	ppm	8	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	17	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	37	---	---	---
Phosphorus	ppm	2237	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	1	---	---	---

Depot: LES551SAI2
Unique No: 5723254
Signed: Wes Davis
Report Date: 07 Feb 2024



GRAPHS

