

LIEBHERR

CONSTRUCTION EQUIPMENT



204 - Front Left Wheel Hub

Sample No: LH

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	18 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

HUBERT & FILS

474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9
Contact: Eric Brisebois
ericbrisebois99@gmail.com

T:
F:



OIL CONDITION

Visc @ 40°C	cSt	91.8	---	---	---
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CONTAMINATION

Silicon	ppm	19	---	---	---
Sodium	ppm	6	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	194	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	62	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	65	---	---	---
Phosphorus	ppm	864	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	38	---	---	---

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.

Please specify the component make and model with your next sample. 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: HUBBOI
Unique No: 5659430
Signed: Wes Davis
Report Date: 19 Oct 2023



GRAPHS

