

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH18M 133780-1840 - Rear Right Wheel Hub

Sample No: LH0261204

Oil Type: GEAR OIL SAE 75W90



SERVICES SANITAIRES ST-ANTOINE INC
16600 RTE SIR WILFRID-LAURIER
MIRABEL, QC
CA J7J 2G3
Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0261204	LH0250894	---	---
Sample Date	01 Sep 2023	30 Jan 2023	---	---
Machine Hours	2973	1835	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	163	96.4	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	2	1	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	<1	0	---	---



WEAR METALS

Iron	ppm	17	12	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	136	222	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	23	123	---	---
Phosphorus	ppm	2332	1290	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	41	291	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the 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.

Depot: SERMIR
Unique No: 5633527
Signed: Kevin Marson
Report Date: 06 Sep 2023



GRAPHS

