

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH18M 133780-1840 - Rear Differential

Sample No: LH0261200

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	LH0261200	LH0250902	---	---
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	131	96.6	---	---
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T:
F:



CONTAMINATION

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

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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	6	13	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	50	223	---	---
Magnesium	ppm	1	2	---	---
Zinc	ppm	10	121	---	---
Phosphorus	ppm	1589	1286	---	---
Barium	ppm	0	0	---	---
Boron	ppm	16	288	---	---

Depot: SERMIR
 Unique No: 5633530
 Signed: Kevin Marson
 Report Date: 05 Sep 2023



GRAPHS

