

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH18M 133780-1840 - Front Differential

Sample No: LH0261201

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	LH0261201	LH0250901	---	---
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	96.2	99.6	---	---
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T:  
F:



#### CONTAMINATION

Silicon	ppm	2	1	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	<1	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	13	7	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	75	78	---	---
Magnesium	ppm	3	2	---	---
Zinc	ppm	42	40	---	---
Phosphorus	ppm	1293	1352	---	---
Barium	ppm	0	0	---	---
Boron	ppm	312	325	---	---

Depot: SERMIR  
 Unique No: 5633529  
 Signed: Kevin Marson  
 Report Date: 05 Sep 2023



### GRAPHS

