

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[20230472]] LIEBHERR LH50M 144587-1216 - Splitter Box

Sample No: LH0265729

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0265729	LH0242726	LH0250067	---
Sample Date	13 Sep 2023	21 Jun 2023	23 Mar 2023	---
Machine Hours	1504	1004	500	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### Industrial Metals

550 Messier St.  
Winnipeg, MB  
CA R2J 0G5  
Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	176	181	195	---
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T:  
F:



#### CONTAMINATION

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

#### 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	11	12	20	---
Copper	ppm	1	2	2	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	41	29	16	---
Magnesium	ppm	1	4	7	---
Zinc	ppm	30	23	17	---
Phosphorus	ppm	2178	2127	1735	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	2	2	---

Depot: IND550WIN  
Unique No: 5645167  
Signed: Wes Davis  
Report Date: 20 Sep 2023



### GRAPHS

