

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 145272-1253 - Splitter Box

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH	LH	LH0250163	LH0250168
Sample Date	14 Mar 2024	12 Dec 2023	08 Sep 2023	05 Jun 2023
Machine Hours	2004	1500	1004	500
Oil Hours	0	500	0	500
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### Industrial Metals

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



#### OIL CONDITION

Visc @ 40°C	cSt	184	185	194	196
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	2
Sodium	ppm	1	1	2	3
Potassium	ppm	<1	0	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	15	17	21	21
Copper	ppm	<1	<1	<1	2
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	1	2
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	11	13	9	23
Magnesium	ppm	1	1	2	8
Zinc	ppm	13	20	22	29
Phosphorus	ppm	2336	2088	2018	1748
Barium	ppm	0	<1	0	<1
Boron	ppm	2	3	<1	2

Depot: IND550WIN  
Unique No: 5748255  
Signed: Wes Davis  
Report Date: 19 Mar 2024



### GRAPHS

