

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(361220)] LIEBHERR LH50M 134706-1216 - Splitter Box

Sample No: LH0234444

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0234444	LH0250101	LH0242763	LH0242827
Sample Date	15 Jun 2023	27 Mar 2023	21 Jan 2023	31 Oct 2022
Machine Hours	3528	2610	2610	2020
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
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	177	174	147	109
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T:  
F:



#### CONTAMINATION

Silicon	ppm	5	8	5	6
Sodium	ppm	2	3	2	2
Potassium	ppm	<1	<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	14	28	18	33
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	1	2
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	16	23	36	31
Magnesium	ppm	2	11	4	3
Zinc	ppm	10	21	28	32
Phosphorus	ppm	2345	2357	2193	1632
Barium	ppm	0	0	0	0
Boron	ppm	13	27	73	216

Depot: IND550WIN  
Unique No: 5606494  
Signed: Wes Davis  
Report Date: 12 Jul 2023



### GRAPHS

