

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 144578-1253 - Diesel Engine

Sample No: LH  
Oil Type: NOT GIVEN



#### SAMPLE INFORMATION

Sample Number	LH	LH0250047	---	---
Sample Date	04 Oct 2023	22 Mar 2023	---	---
Machine Hours	0	498	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### Industrial Metals

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



#### OIL CONDITION

Visc @ 40°C	cSt	---	70.2	---	---
Visc @ 100°C	cSt	12.7	11.8	---	---
Viscosity Index (VI)	Scale	---	164	---	---
Oxidation (PA)	%	75	207	---	---

T:  
F:

#### 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.



#### CONTAMINATION

Soot %	%	0	0	---	---
Nitration (PA)	%	67	100	---	---
Sulfation (PA)	%	58	116	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	1.4	---	---
Silicon	ppm	8	10	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	0	2	---	---



#### WEAR METALS

Iron	ppm	6	10	---	---
Copper	ppm	148	207	---	---
Lead	ppm	4	8	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	2	4	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	42	45	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	1446	1428	---	---
Magnesium	ppm	704	936	---	---
Zinc	ppm	1147	855	---	---
Phosphorus	ppm	940	783	---	---
Barium	ppm	2	21	---	---
Boron	ppm	17	115	---	---

Depot: IND550WIN  
Unique No: 5658539  
Signed: Wes Davis  
Report Date: 17 Oct 2023



### GRAPHS

