

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 098208 - Diesel Engine

Sample No: LH  
Oil Type: NOT GIVEN



**LIEBHERR CANADA LTEE**  
444 AVENUE DE LA FRICHE  
DOLBEAU-MISTASSINI, QC  
CA G8L 3M7  
Contact: Luc Trottier  
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F: (418)276-9844



#### SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	6242	---	---	---
Oil Hours	135	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 100°C	cSt	13.7	---	---	---
Oxidation (PA)	%	65	---	---	---



#### CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	71	---	---	---
Sulfation (PA)	%	49	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---



#### WEAR METALS

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



#### ADDITIVES

Calcium	ppm	1581	---	---	---
Magnesium	ppm	780	---	---	---
Zinc	ppm	837	---	---	---
Phosphorus	ppm	778	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	127	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Please note that this is a corrected copy for data entry updates. 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.

Depot: LBADOL  
Unique No: 5604988  
Signed: Kevin Marson  
Report Date: 20 Jul 2023



### GRAPHS

