

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 142304-1216 - Diesel Engine

Sample No: LH  
Oil Type: SAE 10W40



**PRODUITS FORESTIERS D.G. LTEE**  
313 RANG ST-JOSEPH  
STE-AURELIE, QC  
CA G0M 1M0  
Contact: Roger .

T: (418)593-3547  
F: (418)593-3633

#### 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.



#### SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	25 Jan 2023	---	---	---
Machine Hours	3000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 100°C	cSt	13.5	---	---	---
Oxidation (PA)	%	61	---	---	---



#### CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	63	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	0	---	---	---



#### WEAR METALS

Iron	ppm	3	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	58	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	1025	---	---	---
Magnesium	ppm	993	---	---	---
Zinc	ppm	1203	---	---	---
Phosphorus	ppm	1095	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	<1	---	---	---

Depot: PRO9STE  
Unique No: 5617966  
Signed: Wes Davis  
Report Date: 28 Jul 2023



### GRAPHS

