

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 1217-146314 - Diesel Engine

Sample No: LH0286178

Oil Type: LIEBHERR MOTOROIL 5W30



**C AND B EQUIPMENT, LLC**  
 4831 US-42  
 GHENT, KY  
 US 41045  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0286178	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	2000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 100°C	cSt	11.6	---	---	---
Base Number (BN)	mg KOH/g	15.2	---	---	---
Oxidation (PA)	%	57	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



#### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	124	---	---	---
Sulfation (PA)	%	47	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	4	---	---	---



#### WEAR METALS

Iron	ppm	12	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	4682	---	---	---
Magnesium	ppm	40	---	---	---
Zinc	ppm	1318	---	---	---
Phosphorus	ppm	1193	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	279	---	---	---

**Depot:** CANGHE  
**Unique No:** 10930242  
**Signed:** Wes Davis  
**Report Date:** 19 Mar 2024



### GRAPHS

