

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 412528 - Diesel Engine

Sample No: LHMC124481

Oil Type: NOT GIVEN



#### SAMPLE INFORMATION

Sample Number	LHMC124481	---	---	---
Sample Date	19 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

#### FINKBINER EQUIPMENT

3501 N. MAIN ST  
EAST PEORIA, IL  
US 61611  
Contact: ZACH WAKID  
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T: (309)863-4831  
F:



#### OIL CONDITION

Visc @ 100°C	cSt	14.6	---	---	---
Base Number (BN)	mg KOH/g	12.8	---	---	---
Oxidation (PA)	%	51	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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

Soot %	%	0.1	---	---	---
Nitration (PA)	%	38	---	---	---
Sulfation (PA)	%	47	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	21	---	---	---
Potassium	ppm	2	---	---	---



#### WEAR METALS

Iron	ppm	4	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	55	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	1057	---	---	---
Magnesium	ppm	991	---	---	---
Zinc	ppm	1357	---	---	---
Phosphorus	ppm	1044	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	17	---	---	---

Depot: FINEASIL  
Unique No: 10662798  
Signed: Wes Davis  
Report Date: 27 Sep 2023



### GRAPHS

