

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[BANCROFT CONTRACTING]] LIEBHERR LTM1750-9.1096358 - Distribution Gear

Sample No: LHMC148017

Oil Type: 220 PG



#### SAMPLE INFORMATION

Sample Number	LHMC148017	---	---	---
Sample Date	12 Dec 2023	---	---	---
Machine Hours	309	---	---	---
Oil Hours	309	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR USA CO - MOBILE AND CRAWLER CRANES  
 4100 CHESTNUT AVENUE  
 NEWPORT NEWS, VA  
 US 23607  
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 F:



#### OIL CONDITION

Visc @ 40°C	cSt	● 225	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 17	---	---	---
Sodium	ppm	● 7	---	---	---
Potassium	ppm	● <1	---	---	---

#### 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.



#### WEAR METALS

Iron	ppm	● 17	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	69	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	4	---	---	---

Depot: LIENEW  
 Unique No: 10804805  
 Signed: Wes Davis  
 Report Date: 27 Dec 2023



### GRAPHS

