

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 1216-121667 - Front Differential

Sample No: LH0164791

Oil Type: GEAR OIL SAE 80W90



INTERNATIONAL PAPER - DRY CREEK  
200 JENSON RD  
PRATTVILLE, AL  
US 36067  
Contact:

T: (800)432-8902  
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 condition of the oil is acceptable for the time in service.



#### Sample Information

Sample Number	LH0164791	---	---	---
Sample Date	24 Jun 2021	---	---	---
Machine Hours	670	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### Oil Condition

Visc @ 40°C	cSt	● 157	---	---	---
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#### Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 5	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 0	---	---	---



#### Wear Metals

Iron	ppm	● 5	---	---	---
Copper	ppm	● 15	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	● 8	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	<1	---	---	---
Phosphorus	ppm	● 1114	---	---	---
Barium	ppm	● 357	---	---	---
Boron	ppm	● 6	---	---	---

Depot: INTPRALH  
Unique No: 9566376  
Signed: Don Baldrige  
Report Date: 02 Jul 2021



### Graphs

