

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 1216-121667 - Swing Drive

Sample No: LH0164796

Oil Type: GEAR OIL SAE 80W90



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

T: (800)432-8902
F:



Sample Information

Sample Number	LH0164796	---	---	---
Sample Date	24 Jun 2021	---	---	---
Machine Hours	670	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 201	---	---	---
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Contamination

Water	%	● 0.469	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 1	---	---	---



Wear Metals

Iron	ppm	● 359	---	---	---
Copper	ppm	● 25	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 4	---	---	---
Vanadium	ppm	● 0	---	---	---



Additives

Calcium	ppm	● 16	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 31	---	---	---
Phosphorus	ppm	● 1961	---	---	---
Barium	ppm	● 7	---	---	---
Boron	ppm	● 17	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. There is a moderate concentration of water present in the oil. Free water present. The oil is no longer serviceable due to the presence of contaminants.

Depot: INTPRALH
Unique No: 9566379
Signed: Don Baldrige
Report Date: 02 Jul 2021



Graphs

