

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH22M 146587-1250 - Swing Drive

Sample No: LH0279511

Oil Type: NOT GIVEN



**CONTENEUR ROSE INC.**  
89 RUE MORANE  
LAVAL, QC  
CA H7M 1R5  
Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0279511	LH	---	---
Sample Date	05 Dec 2023	28 Aug 2023	---	---
Machine Hours	1259	574	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	106	178	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	5	---	---
Sodium	ppm	2	5	---	---
Potassium	ppm	<1	1	---	---



#### WEAR METALS

Iron	ppm	100	153	---	---
Copper	ppm	49	72	---	---
Lead	ppm	2	2	---	---
Tin	ppm	2	6	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	6	18	---	---
Magnesium	ppm	0	2	---	---
Zinc	ppm	8	23	---	---
Phosphorus	ppm	1074	2291	---	---
Barium	ppm	1	3	---	---
Boron	ppm	3	7	---	---

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 condition of the oil is acceptable for the time in service.

Depot: CON89LAV  
Unique No: 5695062  
Signed: Wes Davis  
Report Date: 09 Dec 2023



### GRAPHS

