

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 142304-1216 - Swing Drive

Sample No: LH0248065  
 Oil Type: SAE 75W90



**PRODUITS FORESTIERS D.G. LTEE**  
 313 RANG ST-JOSEPH  
 STE-AURELIE, QC  
 CA G0M 1M0  
 Contact: Roger .

T: (418)593-3547  
 F: (418)593-3633

#### 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	LH0248065	LH	---	---
Sample Date	11 Oct 2023	25 Jul 2023	---	---
Machine Hours	4000	3000	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	175	183	---	---
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#### CONTAMINATION

Silicon	ppm	● <1	● 3	---	---
Sodium	ppm	● 1	● 1	---	---
Potassium	ppm	● 0	● <1	---	---



#### WEAR METALS

Iron	ppm	● 23	● 47	---	---
Copper	ppm	● 13	● 31	---	---
Lead	ppm	● <1	● <1	---	---
Tin	ppm	● 1	● 3	---	---
Aluminum	ppm	● 0	● <1	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● 0	● <1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	● 5	● 13	---	---
Magnesium	ppm	● <1	● 8	---	---
Zinc	ppm	8	● 20	---	---
Phosphorus	ppm	2261	2303	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	3	15	---	---

Depot: PRO9STE  
 Unique No: 5681972  
 Signed: Wes Davis  
 Report Date: 16 Nov 2023



### GRAPHS

