

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 808366 - Swing Drive

Sample No: LH0274320

Oil Type: JOHN DEERE HY-GARD HYD/TRANS



#### SAMPLE INFORMATION

Sample Number	LH0274320	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	10456	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

#### American Iron and Metal

2555 Sheffield Road  
Ottawa, ON  
CA K1B 3V6  
Contact: Marc Giguere  
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T: (438)334-4682  
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#### OIL CONDITION

Visc @ 40°C	cSt	99.1	---	---	---
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	39	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	7	---	---	---
Phosphorus	ppm	1287	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	299	---	---	---

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: BAKOTT  
Unique No: 5670437  
Signed: Wes Davis  
Report Date: 01 Nov 2023



### GRAPHS

