

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 808366 - Right Wheel Hub

Sample No: LH0274319

Oil Type: JOHN DEERE HY-GARD HYD/TRANS



#### SAMPLE INFORMATION

Sample Number	LH0274319	---	---	---
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  
 magiguere@aim-global.com  
 T: (438)334-4682  
 F: (613)745-0692



#### OIL CONDITION

Visc @ 40°C	cSt	94.0	---	---	---
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#### CONTAMINATION

Silicon	ppm	13	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---



#### WEAR METALS

Iron	ppm	89	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	17	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	12	---	---	---
Phosphorus	ppm	1256	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	309	---	---	---

#### 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:** 5670438  
**Signed:** Wes Davis  
**Report Date:** 01 Nov 2023



### GRAPHS

