

LIEBHERR

CONSTRUCTION EQUIPMENT



808366 - Left Wheel Hub

Sample No: LH0274318

Oil Type: JOHN DEERE HY-GARD HYD/TRANS



SAMPLE INFORMATION

Sample Number	LH0274318	---	---	---
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	95.0	---	---	---
-------------	-----	------	-----	-----	-----



CONTAMINATION

Silicon	ppm	36	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	121	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	8	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	20	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	9	---	---	---
Phosphorus	ppm	1285	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	307	---	---	---

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. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: BAKOTT
Unique No: 5670436
Signed: Kevin Marson
Report Date: 02 Nov 2023



GRAPHS

