

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 094197-1216 - Rear Left Wheel Hub

Sample No: LH0270006

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0270006	LH0251218	LH0221587	LH0225536
Sample Date	01 Nov 2023	13 Mar 2023	06 Oct 2022	09 Jun 2022
Machine Hours	23554	22266	21039	19989
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### INDUSTRIES GDS INC.

207 ROUTE 295  
VILLE-DEGELIS, QC  
CA G5T 1R1  
Contact: Martin Deschenes  
mdeschenes@grouppgds.com  
T: (418)853-2566  
F:



#### OIL CONDITION

Visc @ 40°C	cSt	181	160	179	179
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#### CONTAMINATION

Silicon	ppm	5	4	2	2
Sodium	ppm	6	1	3	3
Potassium	ppm	2	<1	0	1



#### WEAR METALS

Iron	ppm	22	19	23	26
Copper	ppm	3	3	4	2
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	14	44	6	8
Magnesium	ppm	<1	2	<1	<1
Zinc	ppm	13	42	6	8
Phosphorus	ppm	2435	2219	2423	2394
Barium	ppm	<1	0	0	0
Boron	ppm	2	3	3	3

#### 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: INDVIL  
Unique No: 5681382  
Signed: Wes Davis  
Report Date: 14 Nov 2023



### GRAPHS

