

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 097459-1216 - Front Right Wheel Hub

Sample No: LH0238569

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	<b>LH0238569</b>	LH0230416	LH0183922	LH0194668
Sample Date	<b>24 Oct 2022</b>	05 May 2022	05 May 2022	29 Oct 2021
Machine Hours	<b>1000</b>	22049	22049	20093
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>N/A</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

J.D. Irving

Truro Sawmill, 529 Valley Dale Road  
Truro, NS  
CA B2N 5C5  
Contact: Sheldon Richardson  
richardson.sheldon@jdirving.com  
T: (902)890-9419  
F:



#### OIL CONDITION

Visc @ 40°C	cSt	<b>90.8</b>	97.9	87.8	93.4
-------------	-----	-------------	------	------	------



#### CONTAMINATION

Silicon	ppm	<b>2</b>	2	4	2
Sodium	ppm	<b>3</b>	0	1	1
Potassium	ppm	<b>2</b>	<1	<1	<1



#### WEAR METALS

Iron	ppm	<b>49</b>	25	48	36
Copper	ppm	<b>8</b>	<1	7	5
Lead	ppm	<b>&lt;1</b>	0	<1	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>&lt;1</b>	0	<1	<1
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>23</b>	7	14	18
Magnesium	ppm	<b>2</b>	2	3	4
Zinc	ppm	<b>19</b>	7	17	16
Phosphorus	ppm	<b>1309</b>	1316	1316	1397
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>302</b>	320	314	339

#### 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.

Depot: JDITRU  
Unique No: 5475463  
Signed: Wes Davis  
Report Date: 25 Oct 2022



### GRAPHS

