

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 097459-1216 - Rear Left Wheel Hub

Sample No: LH0194643

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0194643	LH0183461	LH0180233	LH
Sample Date	25 Jul 2021	08 Feb 2021	06 Oct 2020	07 Jul 2020
Machine Hours	18995	0	0	0
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	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	98.9	99.5	97.7	91.6
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#### CONTAMINATION

Silicon	ppm	2	2	2	2
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	<1	1

#### 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.



#### WEAR METALS

Iron	ppm	10	11	12	11
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	8	7	6	5
Magnesium	ppm	2	2	2	1
Zinc	ppm	6	6	5	5
Phosphorus	ppm	1317	1212	1240	1238
Barium	ppm	0	0	0	0
Boron	ppm	318	310	323	308

Depot: JDITRU  
Unique No: 5254886  
Signed: Wes Davis  
Report Date: 26 Jul 2021



### GRAPHS

