

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Front Left Wheel Hub

Sample No: LH0230417

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0230417	LH0194740	LH0183460	LH0180237
Sample Date	05 May 2022	29 Oct 2021	08 Feb 2021	06 Oct 2020
Machine Hours	22099	20093	0	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

Truro Sawmill, 529 Valley Dale Road
Truro, NS
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OIL CONDITION

Visc @ 40°C	cSt	87.7	92.3	92.3	94.4
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CONTAMINATION

Silicon	ppm	3	2	3	3
Sodium	ppm	1	1	2	2
Potassium	ppm	0	1	<1	<1



WEAR METALS

Iron	ppm	44	39	40	42
Copper	ppm	15	13	11	14
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	13	18	22	27
Magnesium	ppm	3	4	5	3
Zinc	ppm	21	20	21	21
Phosphorus	ppm	1321	1402	1229	1236
Barium	ppm	0	0	0	0
Boron	ppm	315	341	305	309

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: 5409250
Signed: Kevin Marson
Report Date: 02 Jun 2022



GRAPHS

