

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Rear Left Wheel Hub

Sample No: LH0250298

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0250298	LH0238571	LH0194739	LH0194643
Sample Date	31 May 2023	24 Oct 2022	29 Oct 2021	25 Jul 2021
Machine Hours	26834	1000	20093	18995
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

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Truro, NS
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OIL CONDITION

Visc @ 40°C	cSt	98.2	99.3	101	98.9
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CONTAMINATION

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



WEAR METALS

Iron	ppm	12	17	15	10
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	21	22	8	8
Magnesium	ppm	10	1	2	2
Zinc	ppm	23	12	7	6
Phosphorus	ppm	1315	1376	1391	1317
Barium	ppm	0	0	0	0
Boron	ppm	304	316	349	318

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: 5590896
Signed: Wes Davis
Report Date: 05 Jun 2023



GRAPHS

