

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Rear Left Wheel Hub

Sample No: LH0238571

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



J.D. Irving
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 Truro, NS
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SAMPLE INFORMATION

Sample Number	LH0238571	LH0194739	LH0194643	LH0183461
Sample Date	24 Oct 2022	29 Oct 2021	25 Jul 2021	08 Feb 2021
Machine Hours	1000	20093	18995	0
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	99.3	101	98.9	99.5
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CONTAMINATION

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



WEAR METALS

Iron	ppm	17	15	10	11
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	<1
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	22	8	8	7
Magnesium	ppm	1	2	2	2
Zinc	ppm	12	7	6	6
Phosphorus	ppm	1376	1391	1317	1212
Barium	ppm	0	0	0	0
Boron	ppm	316	349	318	310

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: 5475460
 Signed: Wes Davis
 Report Date: 25 Oct 2022



GRAPHS

