

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Front Right Wheel Hub

Sample No: LH0183922

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



J.D. Irving
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 Truro, NS
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SAMPLE INFORMATION

Sample Number	LH0183922	LH0194668	LH0194641	LH0183466
Sample Date	05 May 2022	29 Oct 2021	25 Jul 2021	08 Feb 2021
Machine Hours	22049	20093	18995	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	87.8	93.4	92.3	91.8
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CONTAMINATION

Silicon	ppm	4	2	2	3
Sodium	ppm	1	1	2	2
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

Iron	ppm	48	36	33	53
Copper	ppm	7	5	5	6
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	14	18	18	22
Magnesium	ppm	3	4	4	5
Zinc	ppm	17	16	16	18
Phosphorus	ppm	1316	1397	1317	1237
Barium	ppm	0	0	0	0
Boron	ppm	314	339	310	304

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: 5409258
Signed: Kevin Marson
Report Date: 02 Jun 2022



GRAPHS

