

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Front Right Wheel Hub

Sample No: LH0194641

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0194641	LH0183466	LH0180228	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	Not Chngd	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	92.3	91.8	94.4	86.0
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CONTAMINATION

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



WEAR METALS

Iron	ppm	33	53	54	35
Copper	ppm	5	6	7	7
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
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	18	22	29	21
Magnesium	ppm	4	5	4	5
Zinc	ppm	16	18	16	20
Phosphorus	ppm	1317	1237	1266	1244
Barium	ppm	0	0	0	0
Boron	ppm	310	304	309	301

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: 5254883
Signed: Kevin Marson
Report Date: 26 Jul 2021

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GRAPHS

