

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Rear Right Wheel Hub

Sample No: LH0194642

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0194642	LH0183462	LH0180232	LH
Sample Date	25 Jul 2021	08 Feb 2021	06 Oct 2020	07 Jul 2020
Machine Hours	18995	8850	0	0
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

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OIL CONDITION

Visc @ 40°C	cSt	98.5	99.1	97.3	91.7
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CONTAMINATION

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

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.



WEAR METALS

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



ADDITIVES

Calcium	ppm	8	7	6	5
Magnesium	ppm	2	2	2	1
Zinc	ppm	6	6	5	5
Phosphorus	ppm	1295	1215	1233	1247
Barium	ppm	0	0	0	0
Boron	ppm	313	312	320	306

Depot: JDITRU
Unique No: 5254885
Signed: Wes Davis
Report Date: 26 Jul 2021

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GRAPHS

