

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Rear Left Wheel Hub

Sample No: LH0183461

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0183461	LH0180233	LH	LH0139126
Sample Date	08 Feb 2021	06 Oct 2020	07 Jul 2020	01 Mar 2020
Machine Hours	0	0	0	13987
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

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OIL CONDITION

Visc @ 40°C	cSt	99.5	97.7	91.6	94.3
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CONTAMINATION

Silicon	ppm	2	2	2	3
Sodium	ppm	<1	<1	<1	0
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	11	12	11	21
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	7	6	5	7
Magnesium	ppm	2	2	1	1
Zinc	ppm	6	5	5	7
Phosphorus	ppm	1212	1240	1238	1286
Barium	ppm	0	0	0	0
Boron	ppm	310	323	308	336

Depot: JDITRU
Unique No: 5174448
Signed: Wes Davis
Report Date: 10 Feb 2021



GRAPHS

