

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Rear Left Wheel Hub

Sample No: LH0277104

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0277104	LH0250298	LH0238571	LH0194739
Sample Date	13 Oct 2023	31 May 2023	24 Oct 2022	29 Oct 2021
Machine Hours	28718	26834	1000	20093
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

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OIL CONDITION

Visc @ 40°C	cSt	101	98.2	99.3	101
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CONTAMINATION

Silicon	ppm	4	2	2	2
Sodium	ppm	3	1	2	<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	22	12	17	15
Copper	ppm	2	<1	<1	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	13	21	22	8
Magnesium	ppm	4	10	1	2
Zinc	ppm	13	23	12	7
Phosphorus	ppm	1286	1315	1376	1391
Barium	ppm	<1	0	0	0
Boron	ppm	332	304	316	349

Depot: JDITRU
Unique No: 5668218
Signed: Wes Davis
Report Date: 23 Oct 2023



GRAPHS

