

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 099527-1253 - Front Left Wheel Hub

Sample No: LH0250583

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0250583	LH0246872	LH0173458	LH
Sample Date	13 Sep 2023	08 Feb 2023	01 Sep 2021	12 Aug 2020
Machine Hours	11483	10338	7094	5031
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

West Coast Metal Recycling

5771 Production Way

Langley, BC

CA V3A 4N5

Contact: Terry .

terry@gotmetal.ca

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OIL CONDITION

Visc @ 40°C	cSt	101	100	105	101
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CONTAMINATION

Silicon	ppm	<1	1	2	<1
Sodium	ppm	4	4	4	<1
Potassium	ppm	1	0	1	<1



WEAR METALS

Iron	ppm	24	22	24	2
Copper	ppm	6	6	4	<1
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	36	32	60	25
Magnesium	ppm	2	1	2	2
Zinc	ppm	16	17	28	12
Phosphorus	ppm	1301	1341	1470	1309
Barium	ppm	<1	<1	<1	0
Boron	ppm	296	294	279	271

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: WES577LAN

Unique No: 5645138

Signed: Wes Davis

Report Date: 20 Sep 2023

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GRAPHS

