

LIEBHERR

CONSTRUCTION EQUIPMENT



062154-1049 - Front Left Wheel Hub

Sample No: LH0274325

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0274325	LH0203037	LH0222345	LH0215980
Sample Date	26 Oct 2023	22 Jun 2023	10 May 2022	11 Nov 2021
Machine Hours	12421	12090	11897	11462
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

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Ottawa, ON
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OIL CONDITION

Visc @ 40°C	cSt	101	101	100	97.0
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CONTAMINATION

Silicon	ppm	2	4	4	3
Sodium	ppm	4	3	3	8
Potassium	ppm	0	<1	<1	2



WEAR METALS

Iron	ppm	39	44	72	141
Copper	ppm	2	1	1	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	<1	<1	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	22	23	28	66
Magnesium	ppm	1	1	1	2
Zinc	ppm	14	14	16	22
Phosphorus	ppm	1252	1296	1367	1394
Barium	ppm	<1	<1	<1	<1
Boron	ppm	278	287	294	195

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: BAKOTT
Unique No: 5670424
Signed: Wes Davis
Report Date: 01 Nov 2023



GRAPHS

