

LIEBHERR

CONSTRUCTION EQUIPMENT



062154-1049 - Front Right Wheel Hub

Sample No: LH0274326

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0274326	LH0203035	LH0222343	LH0215981
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 Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

2555 Sheffield Road
Ottawa, ON
CA K1B 3V6
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OIL CONDITION

Visc @ 40°C	cSt	101	101	102	98.3
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CONTAMINATION

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



WEAR METALS

Iron	ppm	40	35	74	13
Copper	ppm	2	2	2	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	21	20	23	41
Magnesium	ppm	2	1	1	<1
Zinc	ppm	18	15	18	5
Phosphorus	ppm	1239	1274	1359	1406
Barium	ppm	<1	<1	<1	0
Boron	ppm	276	290	293	281

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: 5670460
Signed: Wes Davis
Report Date: 01 Nov 2023



GRAPHS

