

LIEBHERR

CONSTRUCTION EQUIPMENT



062154-1049 - Rear Left Wheel Hub

Sample No: LH0274324

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0274324	LH0203038	LH0222344	LH0215978
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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 T: (438)334-4682
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OIL CONDITION

Visc @ 40°C	cSt	99.1	99.6	100	98.3
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CONTAMINATION

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



WEAR METALS

Iron	ppm	10	8	13	13
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	0	0	0	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	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	38	33	29	45
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	6	8	6	6
Phosphorus	ppm	1303	1337	1403	1398
Barium	ppm	<1	0	0	0
Boron	ppm	298	307	311	280

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: 5670427
Signed: Wes Davis
Report Date: 01 Nov 2023



GRAPHS

