

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 059596-194 - Rear Left Wheel Hub

Sample No: LH0274781

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0274781	LH0256514	LH0203094	LH0202912
Sample Date	23 Nov 2023	21 Mar 2023	15 Nov 2022	04 Nov 2021
Machine Hours	19244	18037	17530	16550
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### American Iron and Metal

2555 Sheffield Road  
Ottawa, ON  
CA K1B 3V6  
Contact: Dan Dupelle  
ddupelle@aim-rg.com  
T: (613)228-9380  
F: (613)745-0692



#### OIL CONDITION

Visc @ 40°C	cSt	106	101	100	101



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	2	2
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	0	<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	2	5	4	3
Copper	ppm	14	39	37	26
Lead	ppm	<1	1	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	0	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	0
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	6	9	9	10
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	16	23	21	17
Phosphorus	ppm	1232	1348	1307	1373
Barium	ppm	<1	0	0	1
Boron	ppm	298	316	317	332

Depot: BAKOTT  
Unique No: 5684828  
Signed: Wes Davis  
Report Date: 30 Nov 2023



### GRAPHS

