

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 092696 - Front Right Wheel Hub

Sample No: LH0274559

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0274559	LH0239174	LH	LH
Sample Date	05 Sep 2023	08 Sep 2022	27 Jul 2021	08 Feb 2021
Machine Hours	13109	11186	8788	7824
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### American Iron and Metal

75 Steel City Court  
Hamilton, ON  
CA L8H 3Y2  
Contact: Heavy Equipment  
hamiltonmobileassetmaintenance@aim-recycling.com  
T: (905)547-5533  
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#### OIL CONDITION

Visc @ 40°C	cSt	95.4	92.1	99.5	98.4
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	14	15	11	18
Copper	ppm	1	1	<1	1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	8	4	9	12
Magnesium	ppm	2	2	1	<1
Zinc	ppm	11	9	6	6
Phosphorus	ppm	1334	1535	1309	1229
Barium	ppm	0	0	0	<1
Boron	ppm	299	223	315	316

#### 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: AMEHAM  
Unique No: 5633854  
Signed: Wes Davis  
Report Date: 06 Sep 2023



### GRAPHS

