

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 102383 - Left Final Drive

Sample No: LH0265557

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0265557	LH0186308	---	---
Sample Date	20 Sep 2023	24 Sep 2021	---	---
Machine Hours	4142	2934	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### American Iron and Metal

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

Visc @ 40°C	cSt	186	170	---	---
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#### CONTAMINATION

Silicon	ppm	9	10	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	2	3	---	---



#### WEAR METALS

Iron	ppm	110	121	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	14	25	---	---
Magnesium	ppm	2	4	---	---
Zinc	ppm	19	26	---	---
Phosphorus	ppm	2124	1375	---	---
Barium	ppm	65	219	---	---
Boron	ppm	13	12	---	---

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: AMEHAM  
Unique No: 5656368  
Signed: Wes Davis  
Report Date: 06 Oct 2023



### GRAPHS

