

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR 185289 - Rear Swing Drive

Sample No: LH0270275

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0270275	LH0194889	---	---
Sample Date	29 Sep 2023	12 Jan 2022	---	---
Machine Hours	3024	1043	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### Harbour Development

380 Bayside Dr  
St John, NB  
CA E2J 4Y8  
Contact: Darien Edison  
edison.darien@harbourdev.com  
T:  
F:



#### Oil Condition

Visc @ 40°C	cSt	● 103	186	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● <1	● 2	---	---
Sodium	ppm	● 1	● 3	---	---
Potassium	ppm	● <1	● 2	---	---

#### 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	● 9	● 120	---	---
Copper	ppm	● <1	● <1	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 0	● <1	---	---
Chromium	ppm	● 0	● 2	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● 0	● 1	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	● 10	● 61	---	---
Magnesium	ppm	● 2	● <1	---	---
Zinc	ppm	● 11	● 22	---	---
Phosphorus	ppm	● 1256	736	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	● 305	1	---	---

Depot: HAR380STJ  
Unique No: 5656334  
Signed: Wes Davis  
Report Date: 05 Oct 2023



### Graphs

