

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR HS8100.1186046 - Boom Winch

Sample No: LH0277550

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0277550	LH0239498	---	---
Sample Date	26 Jan 2024	05 Aug 2022	---	---
Machine Hours	3909	530	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



#### OIL CONDITION

Visc @ 40°C	cSt	106	188	---	---
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T: (519)631-4095

F: (519)631-2745



#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	<1	---	---
Sodium	ppm	<1	3	---	---
Potassium	ppm	<1	<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	8	2	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	3	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	8	10	---	---
Magnesium	ppm	1	<1	---	---
Zinc	ppm	20	172	---	---
Phosphorus	ppm	1225	821	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	286	<1	---	---

Depot: HIGSTT

Unique No: 5720981

Signed: Wes Davis

Report Date: 30 Jan 2024



### GRAPHS

