

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [NACG] LIEBHERR LRH100 115117 - 2 Winch

Sample No: LH0292292

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0292292	---	---	---
Sample Date	04 Jul 2024	---	---	---
Machine Hours	1811	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
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#### Oil Condition

Visc @ 40°C	cSt	● 105	---	---	---
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#### Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 1	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 24	---	---	---

#### 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	● 29	---	---	---
Copper	ppm	● 5	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	● 189	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 49	---	---	---
Phosphorus	ppm	● 869	---	---	---
Barium	ppm	● 1	---	---	---
Boron	ppm	● 99	---	---	---

Depot: LIEMIS  
 Unique No: 5812338  
 Signed: Wes Davis  
 Report Date: 09 Jul 2024



### Graphs

