

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [PRO CAISSONS [601832]] LIEBHERR LB35 T15695 - Kelly Win

Sample No: LH0286722

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0286722	---	---	---
Sample Date	06 Mar 2024	---	---	---
Machine Hours	2047	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
 Contact: Steve Lehto  
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 T: (905)319-9222  
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#### OIL CONDITION

Visc @ 40°C	cSt	160	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---



#### WEAR METALS

Iron	ppm	99	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	75	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	33	---	---	---
Phosphorus	ppm	641	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	91	---	---	---

#### Diagnosis

We advise that you check for visible metal particles in the oil. We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Light concentration of visible metal present. Gear wear is indicated. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: LIEMIS  
 Unique No: 5746056  
 Signed: Kevin Marson  
 Report Date: 12 Mar 2024



### GRAPHS

