

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 147037-1217 - Front Differential

Sample No: LH0131742

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**STELLA JONES INC**  
 25 BRAID ST  
 NEW WESTMINSTER, BC  
 CA V3L 3P2  
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#### SAMPLE INFORMATION

Sample Number	LH0131742	LH0271326	---	---
Sample Date	03 Feb 2024	31 Oct 2023	---	---
Machine Hours	2037	1062	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 102	● 104	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 3	● 3	---	---
Sodium	ppm	● 1	● 2	---	---
Potassium	ppm	● 1	● 0	---	---



#### WEAR METALS

Iron	ppm	● 7	● 4	---	---
Copper	ppm	● 83	● 38	---	---
Lead	ppm	● 2	● 1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● 0	● 0	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	1	<1	---	---
Manganese	ppm	● 0	● 0	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	● 11	● 10	---	---
Magnesium	ppm	● <1	● <1	---	---
Zinc	ppm	● 44	● 24	---	---
Phosphorus	ppm	● 1244	● 1240	---	---
Barium	ppm	● 0	● <1	---	---
Boron	ppm	● 308	● 323	---	---

#### 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.

Depot: STE25NEW  
 Unique No: 5722910  
 Signed: Wes Davis  
 Report Date: 06 Feb 2024



### GRAPHS

