

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A944CHD 063266 -Rear Axle

Sample No: LH0274444

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### SAMPLE INFORMATION

Sample Number	LH0274444	LH0130342	LH0123985	---
Sample Date	04 Aug 2023	13 Jul 2018	28 Feb 2018	---
Machine Hours	19020	11950	11203	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

#### Posner Metals

610 Beach Rd.  
Hamilton, ON  
CA L8H 3L1  
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#### OIL CONDITION

Visc @ 40°C	cSt	98.9	96.2	102	---
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#### CONTAMINATION

Silicon	ppm	5	2	4	---
Sodium	ppm	4	<1	2	---
Potassium	ppm	<1	0	<1	---



#### WEAR METALS

Iron	ppm	11	3	6	---
Copper	ppm	79	24	32	---
Lead	ppm	2	1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	0	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	6	8	0	---
Magnesium	ppm	2	3	<1	---
Zinc	ppm	39	15	17	---
Phosphorus	ppm	1517	1242	1467	---
Barium	ppm	<1	0	0	---
Boron	ppm	257	315	253	---

#### Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Copper ppm levels are abnormal. Bearing and/or bushing wear is indicated. The water content is negligible. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: POSHAM  
Unique No: 5619969  
Signed: Kevin Marson  
Report Date: 10 Aug 2023



### GRAPHS

