

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60C 123315-1528 - Swing Drive

Sample No: LH0180094

Oil Type: PETRO CANADA TRAXON XL SYN BLEND 75W90



**Radius Recycling Canada Ltd.**  
 12195 Musqueam Dr.  
 Surrey, BC  
 CA V3V 3T2  
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#### SAMPLE INFORMATION

Sample Number	LH0180094	LH0180085	LH0180058	LH0180067
Sample Date	25 Oct 2023	03 Sep 2022	19 Feb 2022	28 Aug 2021
Machine Hours	6378	4287	3167	2135
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	99.1	98.9	99.2	102
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#### CONTAMINATION

Element	Unit	99.1	98.9	99.2	102
Silicon	ppm	2	1	2	2
Sodium	ppm	1	<1	<1	<1
Potassium	ppm	0	0	1	<1



#### WEAR METALS

Element	Unit	99.1	98.9	99.2	102
Iron	ppm	140	147	180	71
Copper	ppm	37	38	43	44
Lead	ppm	3	<1	1	1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	0	<1	0	0
Chromium	ppm	1	2	2	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	<1	1	1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Element	Unit	99.1	98.9	99.2	102
Calcium	ppm	2	3	2	10
Magnesium	ppm	<1	<1	<1	6
Zinc	ppm	5	6	6	12
Phosphorus	ppm	1416	1483	1503	1448
Barium	ppm	<1	0	0	0
Boron	ppm	247	241	250	239

#### 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:** AMISUR  
**Unique No:** 5671538  
**Signed:** Wes Davis  
**Report Date:** 08 Nov 2023



### GRAPHS

