

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60C 123315-1528 - Left Final Drive

Sample No: LH0180090

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	LH0180090	LH0180081	LH0180054	LH0185793
Sample Date	25 Oct 2023	03 Sep 2022	19 Feb 2022	24 Nov 2020
Machine Hours	6378	4287	3167	545
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	96.1	112	184	184
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#### CONTAMINATION

Water	%	---	---	---	0.033
Silicon	ppm	<1	1	2	2
Sodium	ppm	2	4	7	8
Potassium	ppm	0	1	2	1



#### WEAR METALS

Iron	ppm	24	22	34	28
Copper	ppm	19	28	42	17
Lead	ppm	<1	<1	1	<1
Tin	ppm	<1	<1	2	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	8	24	58	56
Magnesium	ppm	<1	<1	1	1
Zinc	ppm	16	17	52	47
Phosphorus	ppm	1449	1782	2323	2241
Barium	ppm	2	7	9	13
Boron	ppm	230	170	4	3

#### 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:** 5671535  
**Signed:** Wes Davis  
**Report Date:** 07 Nov 2023



### GRAPHS

