

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A934C 063551 - Rear Right Planetary

Sample No: LH0260536

Oil Type: PETRO CANADA TRAXON 80W90



**ABC RECYCLING**  
 750C JACKSON RD  
 NANAIMO, BC  
 CA V9X 1J2  
 Contact: Jordie Richmond  
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#### SAMPLE INFORMATION

Sample Number	<b>LH0260536</b>	LH0246948	LH0224851	LH0226654
Sample Date	<b>30 Jun 2023</b>	20 Mar 2023	18 Nov 2022	09 Aug 2022
Machine Hours	<b>17789</b>	17189	16666	15521
Oil Hours	<b>600</b>	523	500	568
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	<b>138</b>	138	139	141
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#### CONTAMINATION

Silicon	ppm	<b>3</b>	2	2	4
Sodium	ppm	<b>&lt;1</b>	<1	<1	<1
Potassium	ppm	<b>&lt;1</b>	<1	0	<1



#### WEAR METALS

Iron	ppm	<b>30</b>	40	29	62
Copper	ppm	<b>31</b>	36	26	83
Lead	ppm	<b>&lt;1</b>	<1	<1	2
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	0	<1
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>&lt;1</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>3</b>	1	3	6
Magnesium	ppm	<b>2</b>	<1	<1	3
Zinc	ppm	<b>21</b>	21	18	50
Phosphorus	ppm	<b>1030</b>	1060	1040	978
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>253</b>	245	249	253

#### 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: ABCNAN  
 Unique No: 5605641  
 Signed: Wes Davis  
 Report Date: 07 Jul 2023

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### GRAPHS

