

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR 924C 053894-1049 - Front Right Planetary

Sample No: LH0281105

Oil Type: PETRO CANADA TRAXON 80W90



**ABC RECYCLING**  
 750C JACKSON RD  
 NANAIMO, BC  
 CA V9X 1J2  
 Contact: Jordie Richmond  
 jordie.richmond@abcrecycling.com  
 T: (250)202-8235  
 F:



#### SAMPLE INFORMATION

Sample Number	<b>LH0281105</b>	LH0260518	LH0246836	LH0224967
Sample Date	<b>18 Jan 2024</b>	12 Jun 2023	21 Feb 2023	12 Oct 2022
Machine Hours	<b>18474</b>	17890	17297	16606
Oil Hours	<b>584</b>	593	691	500
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	<b>137</b>	135	135	137
-------------	-----	------------	-----	-----	-----



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	1	1	2
Sodium	ppm	<b>&lt;1</b>	1	1	2
Potassium	ppm	<b>&lt;1</b>	<1	0	<1



#### WEAR METALS

Iron	ppm	<b>17</b>	18	22	25
Copper	ppm	<b>&lt;1</b>	1	1	1
Lead	ppm	<b>&lt;1</b>	0	<1	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	<1
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>9</b>	12	5	9
Magnesium	ppm	<b>3</b>	2	1	2
Zinc	ppm	<b>16</b>	21	15	20
Phosphorus	ppm	<b>970</b>	1031	1082	1061
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>223</b>	218	236	226

#### 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: 5720737  
 Signed: Wes Davis  
 Report Date: 26 Jan 2024



### GRAPHS

