

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(340370)] LIEBHERR R945 050696-1866 - Left Final Drive

Sample No: LH0278851

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0278851	LH0247007	LH0242612	LH0222717
Sample Date	17 Jan 2024	27 Jun 2023	15 Mar 2023	28 Apr 2022
Machine Hours	4963	4010	3484	2019
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**CLOUTHIER VENTURES LTD.**  
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#### OIL CONDITION

Visc @ 40°C	cSt	254	93.7	96.8	102



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	11	12	4
Sodium	ppm	1	1	1	<1
Potassium	ppm	2	2	<1	1

#### 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.



#### WEAR METALS

Iron	ppm	20	17	15	15
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	2	<1
Aluminum	ppm	3	2	2	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	4	12	11	8
Magnesium	ppm	2	3	2	2
Zinc	ppm	4	12	10	9
Phosphorus	ppm	1411	1284	1362	1303
Barium	ppm	0	0	0	<1
Boron	ppm	225	308	323	289

Depot: CLOPEM  
 Unique No: 5711777  
 Signed: Wes Davis  
 Report Date: 23 Jan 2024



### GRAPHS

