

LIEBHERR

CONSTRUCTION EQUIPMENT



[(344443)] LIEBHERR LH24 118108-1251 - Rear Differential

Sample No: LH0250460

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



ABC RECYCLING
 8081 MEADOW AVE.
 BURNABY, BC
 CA V3N 2V9
 Contact: John Anderson
 john.anderson@abcrcycling.com
 T: (778)988-9944
 F:



Sample Information

Sample Number	LH0250460	LH0260604	LH0218502	LH0206357
Sample Date	04 Apr 2024	21 Sep 2023	11 Feb 2022	09 Aug 2021
Machine Hours	7662	6390	2142	983
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL



Oil Condition

Visc @ 40°C	cSt	102	102	162	146
-------------	-----	-----	-----	-----	-----



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	2	4	1
Sodium	ppm	<1	2	6	4
Potassium	ppm	0	<1	<1	<1



Wear Metals

Iron	ppm	8	12	29	6
Copper	ppm	<1	2	2	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	1	0	0
Manganese	ppm	0	0	2	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	31	114	578	414
Magnesium	ppm	2	<1	3	2
Zinc	ppm	18	45	239	211
Phosphorus	ppm	1214	1399	2279	2221
Barium	ppm	0	<1	<1	<1
Boron	ppm	275	146	15	14

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: ABCBUR
 Unique No: 5772163
 Signed: Wes Davis
 Report Date: 23 Apr 2024



Graphs

