

LIEBHERR

CONSTRUCTION EQUIPMENT



VOLVO L150H7152-Rear Axle

Sample No: LH06152680

Oil Type: VOLVO WET BRAKE TRANSAXLE OIL



Sample Information

Sample Number	LH06152680	VCP415068	VCP401408	VCP425435
Sample Date	01 Apr 2024	07 Feb 2024	10 Nov 2023	12 Sep 2023
Machine Hours	0	0	2294	1861
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD
OTTAWA, IL
US 61350
Contact: ALEX MARCO
ALEXANDER.MARCO@ALTG.COM
T:
F:



Oil Condition

Visc @ 40°C	cSt	43.5	42.8	40.9	41.2
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	19	18	22
Sodium	ppm	4	0	0	9
Potassium	ppm	1	2	2	5



Wear Metals

Iron	ppm	42	106	103	246
Copper	ppm	<1	<1	1	1
Lead	ppm	0	<1	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	<1	1	2	4
Chromium	ppm	0	2	1	4
Molybdenum	ppm	0	2	3	9
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	2	2	2	11
Vanadium	ppm	0	<1	0	0



Additives

Calcium	ppm	3056	3705	3362	4099
Magnesium	ppm	5	21	9	12
Zinc	ppm	1435	1561	1467	1669
Phosphorus	ppm	1316	1223	1232	1368
Barium	ppm	0	0	2	0
Boron	ppm	34	127	26	134

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: VOLVO5055
Unique No: 10982758
Signed: Wes Davis
Report Date: 18 Apr 2024



Graphs

