



# CONSTRUCTION EQUIPMENT

## X59520 VOLVO L110H 632135 - FRONT AXLE



**Sample No:** VCP437003  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** X59520



### SAMPLE INFORMATION

Sample Number	<b>VCP437003</b>	VCP386010	VCP348984	---
Sample Date	<b>24 Apr 2024</b>	01 Feb 2023	10 Feb 2022	---
Machine Hours	<b>4050</b>	2899	1112	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	N/A	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>53.1</b>	39.7	44.6	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>21</b>	11	15	---
Sodium	ppm	<b>1</b>	6	11	---
Potassium	ppm	<b>2</b>	2	2	---

### 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	<b>87</b>	142	341	---
Copper	ppm	<b>1</b>	<1	1	---
Lead	ppm	<b>0</b>	0	1	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>2</b>	<1	2	---
Chromium	ppm	<b>2</b>	3	8	---
Molybdenum	ppm	<b>1</b>	2	8	---
Nickel	ppm	<b>0</b>	<1	2	---
Titanium	ppm	<b>&lt;1</b>	0	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	5	13	---
Vanadium	ppm	<b>0</b>	0	<1	---



### ADDITIVES

Calcium	ppm	<b>3862</b>	3701	4098	---
Magnesium	ppm	<b>14</b>	10	16	---
Zinc	ppm	<b>1421</b>	1488	1634	---
Phosphorus	ppm	<b>1330</b>	1205	1363	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>44</b>	139	120	---

**Depot:** SCOSAI  
**Unique No:** 11006773  
**Signed:** Wes Davis  
**Report Date:** 02 May 2024



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## GRAPHS

