



# CONSTRUCTION EQUIPMENT

## X59520 VOLVO L110H 632135 - TRANSMISSION (AUTO)



**Sample No:** VCP437001  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** X59520



### SAMPLE INFORMATION

Sample Number	VCP437001	VCP384453	---	---
Sample Date	24 Apr 2024	01 Feb 2023	---	---
Machine Hours	4050	2899	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	█ 28.1	● 8.9	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 3	█ 8	---	---
Sodium	ppm	█ 0	█ 2	---	---
Potassium	ppm	█ 2	█ <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 fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	█ 20	█ 30	---	---
Copper	ppm	█ 4	█ 4	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 2	█ 3	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ <1	<1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ <1	0	---	---
Manganese	ppm	█ 1	2	---	---
Vanadium	ppm	<1	0	---	---



### ADDITIVES

Calcium	ppm	█ 80	71	---	---
Magnesium	ppm	█ 2	3	---	---
Zinc	ppm	█ 8	20	---	---
Phosphorus	ppm	█ 209	134	---	---
Barium	ppm	█ <1	1	---	---
Boron	ppm	█ 91	39	---	---

**Depot:** SCOSAI  
**Unique No:** 11006923  
**Signed:** Jonathan Hester  
**Report Date:** 05 May 2024

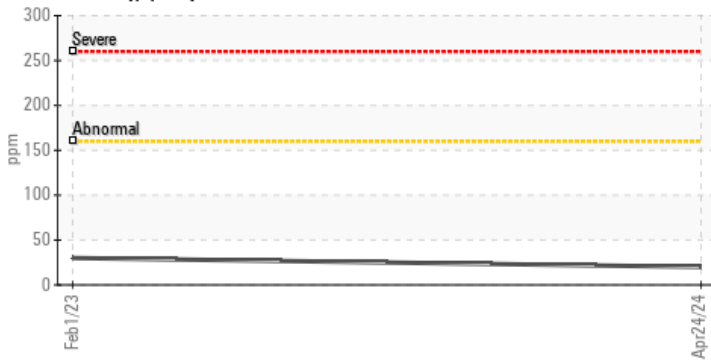


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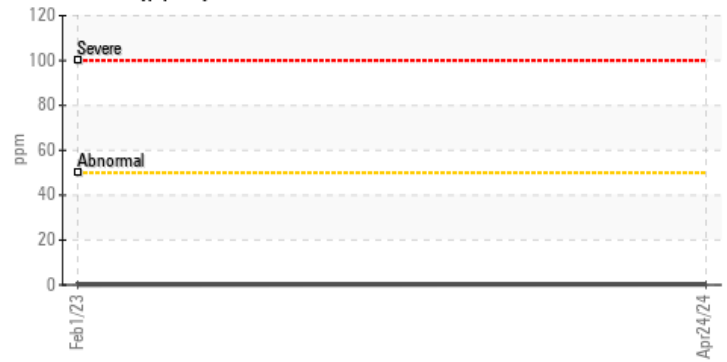


## GRAPHS

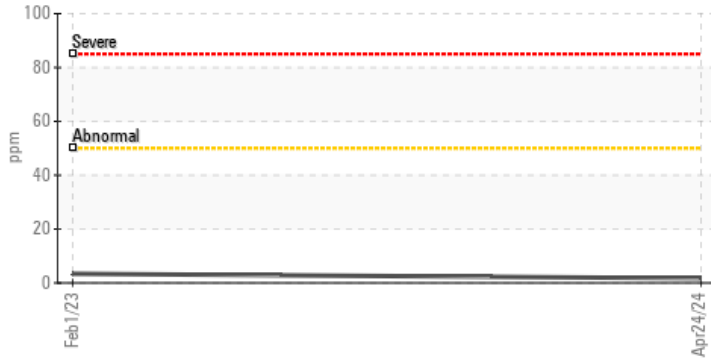
### Iron (ppm)



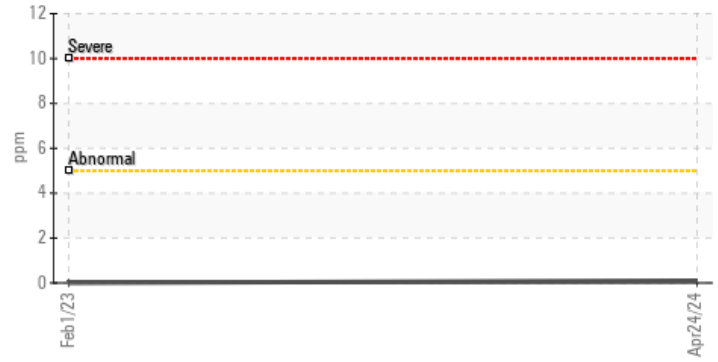
### Lead (ppm)



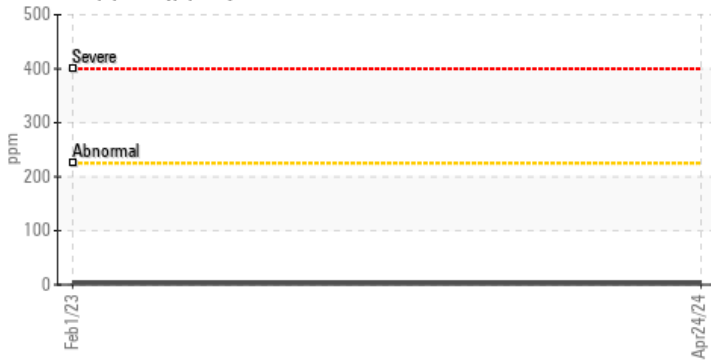
### Aluminum (ppm)



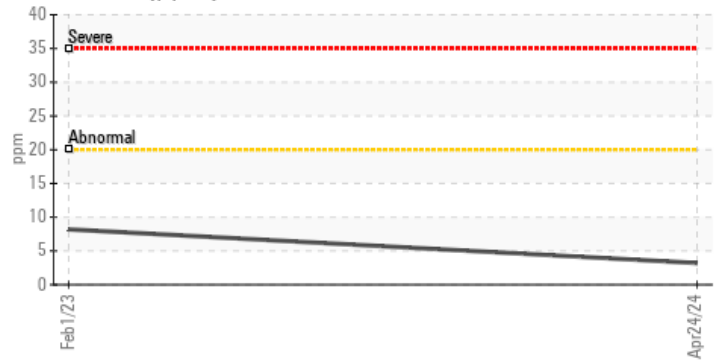
### Chromium (ppm)



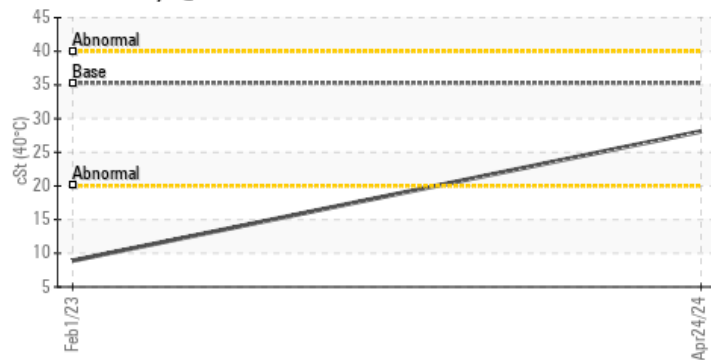
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

