



# CONSTRUCTION EQUIPMENT

## HER RENTALS VOLVO L110H 632557 - TRANSMISSION (AUTO)



**Sample No:** VCP444379  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** HER RENTALS



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### SAMPLE INFORMATION

Sample Number	VCP444379	VCP432218	---	---
Sample Date	09 Jul 2024	28 Dec 2023	---	---
Machine Hours	2420	1206	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	NORMAL	ATTENTION	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 29.4	● 29.0	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 7	█ 6	---	---
Sodium	ppm	█ 0	█ 3	---	---
Potassium	ppm	█ 2	█ <1	---	---



### WEAR METALS

Iron	ppm	█ 92	█ 37	---	---
Copper	ppm	█ 10	█ 5	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 4	█ 2	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ 4	█ 1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	█ 0	---	---
Silver	ppm	█ <1	█ 0	---	---
Manganese	ppm	█ 3	█ 3	---	---
Vanadium	ppm	<1	0	---	---



### ADDITIVES

Calcium	ppm	█ 178	● 104	---	---
Magnesium	ppm	█ 37	█ 14	---	---
Zinc	ppm	█ 95	● 33	---	---
Phosphorus	ppm	█ 279	● 213	---	---
Barium	ppm	█ 2	█ 0	---	---
Boron	ppm	█ 84	█ 85	---	---

### 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.

**Depot:** VOLVO0093  
**Unique No:** 11124130  
**Signed:** Wes Davis  
**Report Date:** 15 Jul 2024

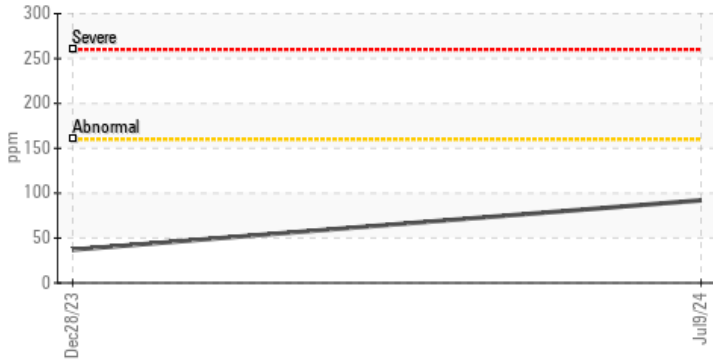


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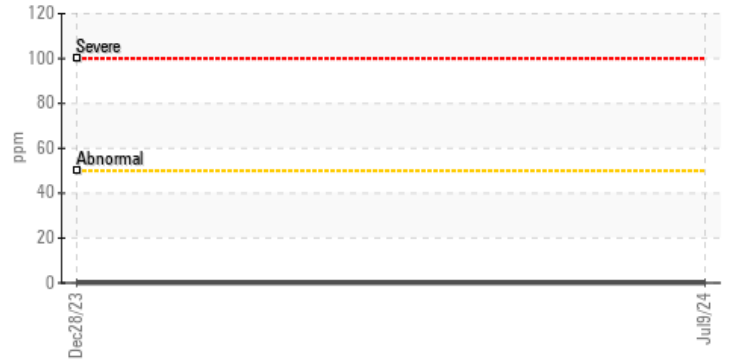


## GRAPHS

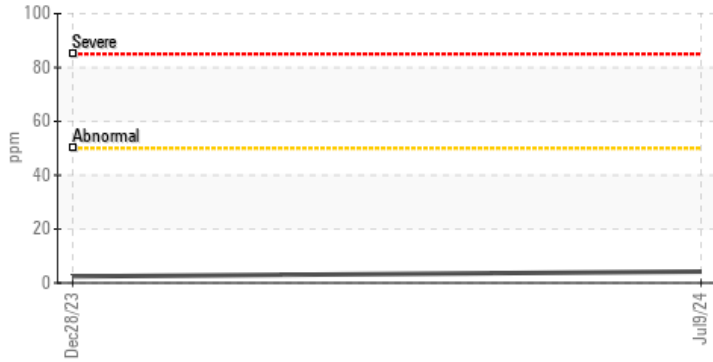
### Iron (ppm)



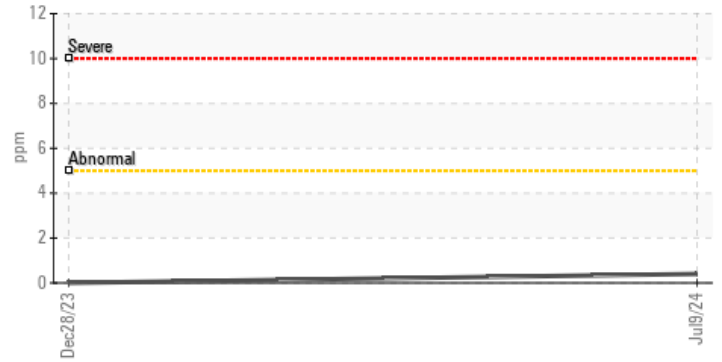
### Lead (ppm)



### Aluminum (ppm)



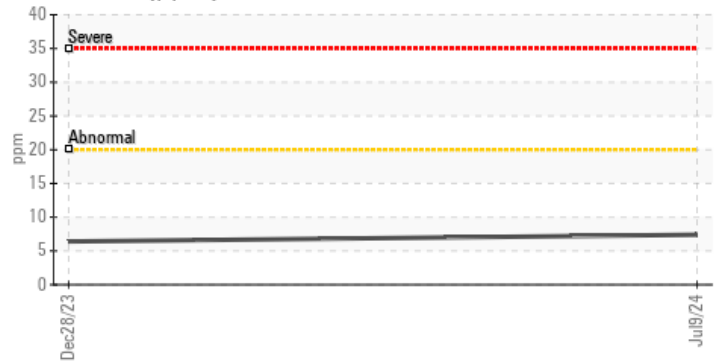
### Chromium (ppm)



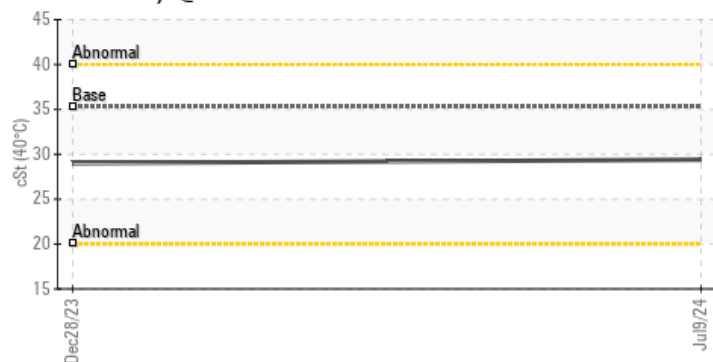
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

