



# CONSTRUCTION EQUIPMENT

2360 IAA RANCHO VOLVO L90H 625739 - TRANSMISSION (AUTO)



**Sample No:** VCP452323  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 2360 IAA RANCHO



## SAMPLE INFORMATION

Sample Number	<b>VCP452323</b>	VCP406781	VCP322489	---
Sample Date	<b>03 Jun 2024</b>	28 Apr 2023	02 Mar 2022	---
Machine Hours	<b>6478</b>	4500	2196	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>27.3</b>	34.0	32.1	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>4</b>	2	6	---
Sodium	ppm	<b>4</b>	0	4	---
Potassium	ppm	<b>4</b>	<1	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 fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>22</b>	0	57	---
Copper	ppm	<b>6</b>	0	7	---
Lead	ppm	<b>3</b>	0	0	---
Tin	ppm	<b>1</b>	0	0	---
Aluminum	ppm	<b>&lt;1</b>	0	0	---
Chromium	ppm	<b>&lt;1</b>	0	0	---
Molybdenum	ppm	<b>2</b>	0	<1	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>2</b>	0	6	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>53</b>	67	90	---
Magnesium	ppm	<b>2</b>	0	5	---
Zinc	ppm	<b>7</b>	0	32	---
Phosphorus	ppm	<b>149</b>	197	216	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>62</b>	98	67	---

**Depot:** VOLVO4485  
**Unique No:** 11074446  
**Signed:** Don Baldrige  
**Report Date:** 13 Jun 2024

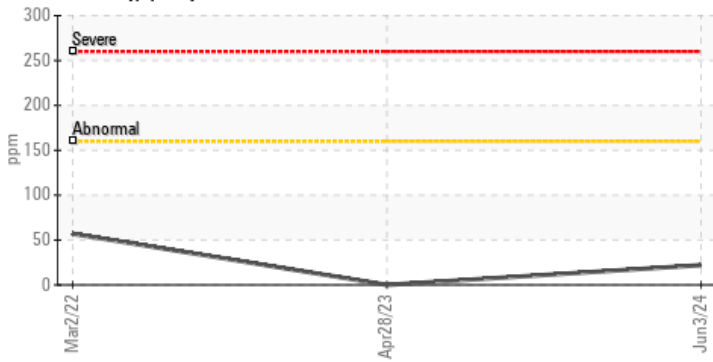


# CONSTRUCTION EQUIPMENT

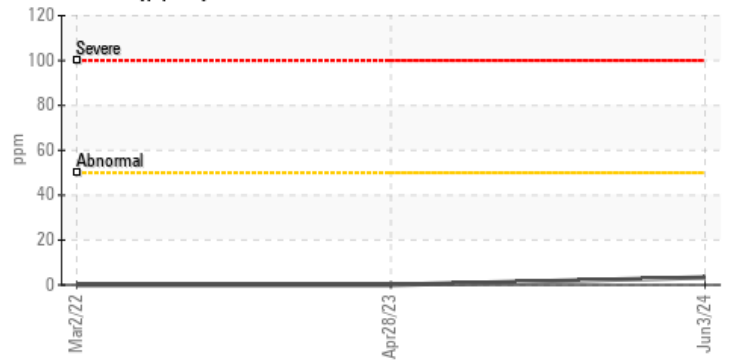


## GRAPHS

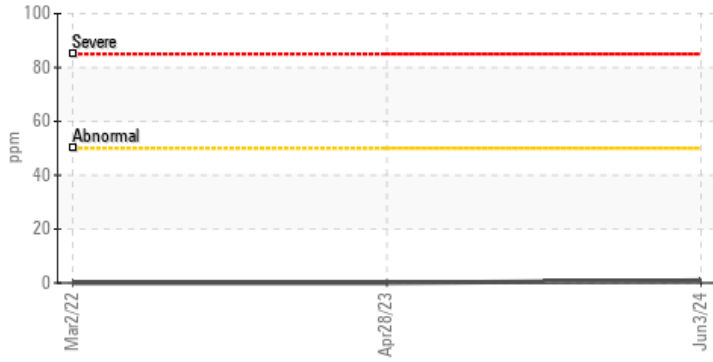
### Iron (ppm)



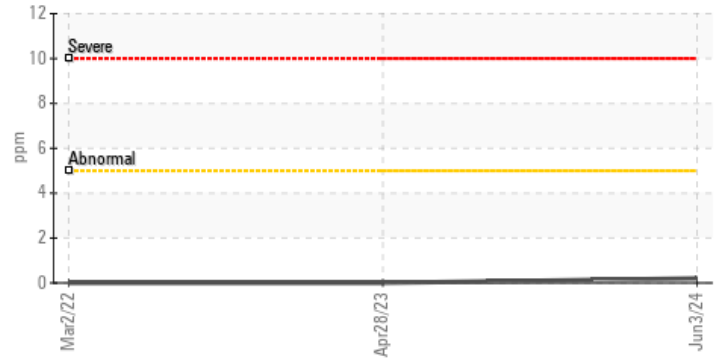
### Lead (ppm)



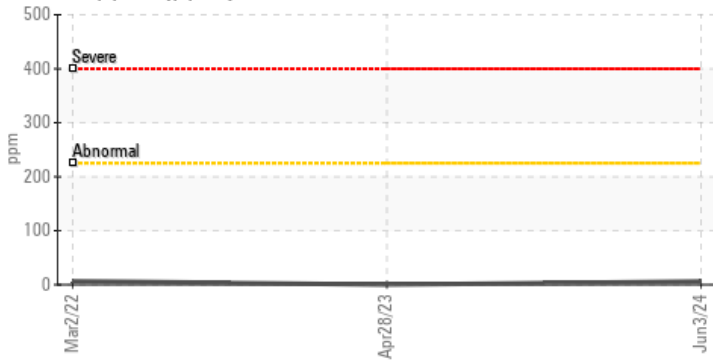
### Aluminum (ppm)



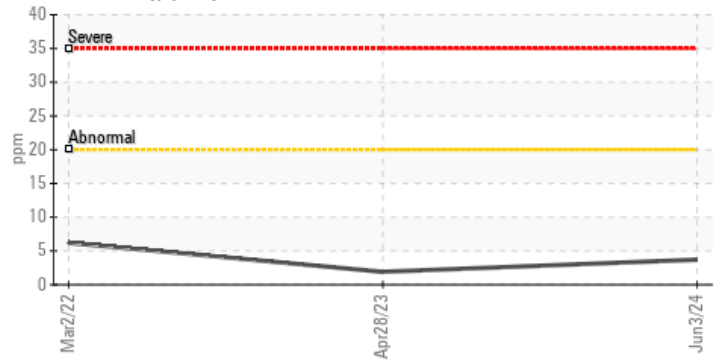
### Chromium (ppm)



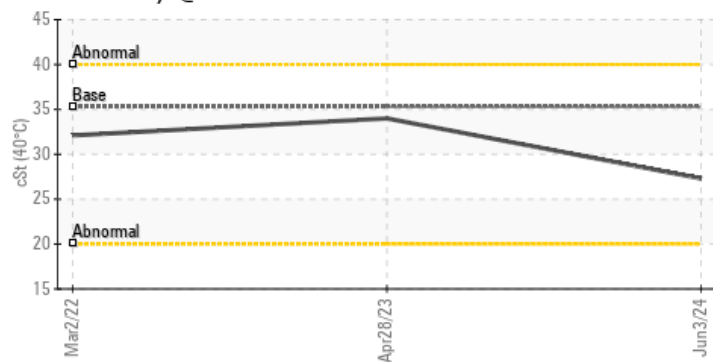
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

