



# CONSTRUCTION EQUIPMENT

## SWA220155-10 SUP MUL VOLVO L120H 633096 - TRANSMISSION (AUTO)



**Sample No:** VCP393567  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SWA220155-10 SUP MUL



### SAMPLE INFORMATION

Sample Number	<b>VCP393567</b>	VCP392933	VCP355708	---
Sample Date	<b>06 Apr 2023</b>	05 Apr 2023	16 Jun 2022	---
Machine Hours	<b>1752</b>	1752	72	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>N/A</b>	N/A	Changed	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	NORMAL	---

### ALTA EQUIPMENT COMPANY

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 DAVIE, FL  
 US 33314

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 T: (954)581-4744  
 F: (954)583-0318



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.8</b>	27.8	21.8	---
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### CONTAMINATION

Silicon	ppm	<b>8</b>	13	10	---
Sodium	ppm	<b>2</b>	2	0	---
Potassium	ppm	<b>&lt;1</b>	<1	2	---



### WEAR METALS

Iron	ppm	<b>52</b>	55	28	---
Copper	ppm	<b>18</b>	17	20	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>1</b>	<1	3	---
Aluminum	ppm	<b>17</b>	19	6	---
Chromium	ppm	<b>0</b>	0	0	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<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>	1	2	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>82</b>	140	71	---
Magnesium	ppm	<b>8</b>	8	2	---
Zinc	ppm	<b>3</b>	2	5	---
Phosphorus	ppm	<b>197</b>	176	163	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>76</b>	68	77	---

### Diagnosis

We advise that you inspect for possible wear. Resample at the next service interval to monitor. High concentration of visible metal present. 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:** VOLVO0095  
**Unique No:** 10418606  
**Signed:** Jonathan Hester  
**Report Date:** 13 Apr 2023

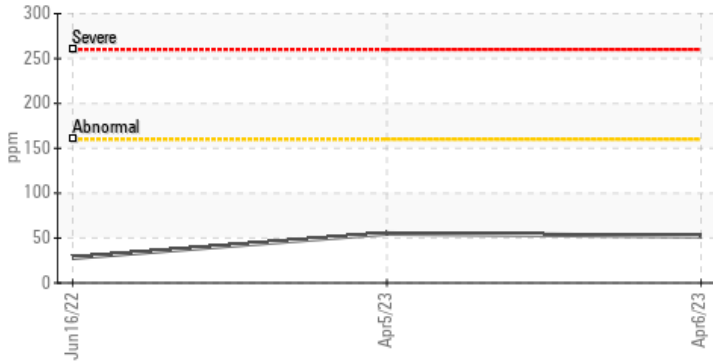


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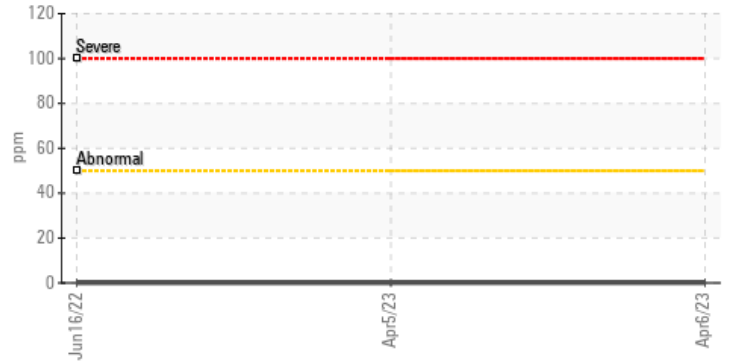


## GRAPHS

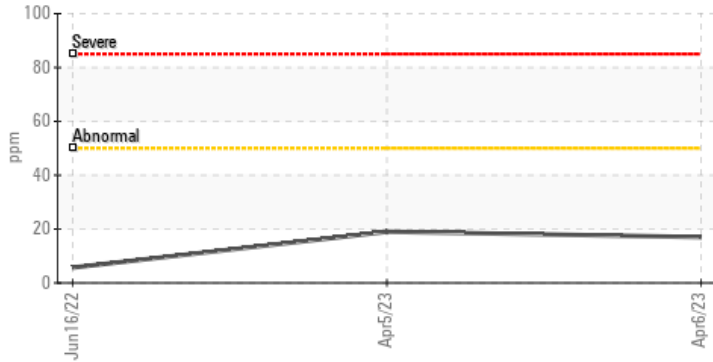
### Iron (ppm)



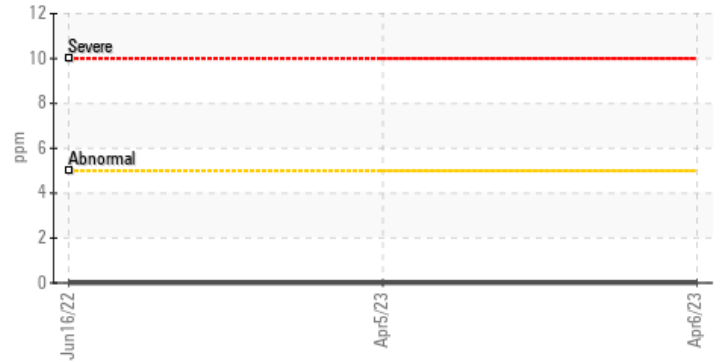
### Lead (ppm)



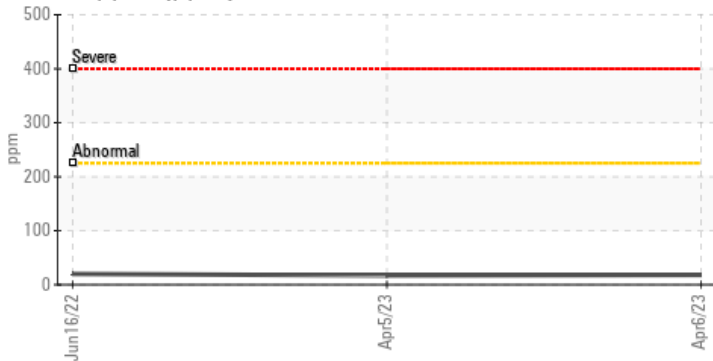
### Aluminum (ppm)



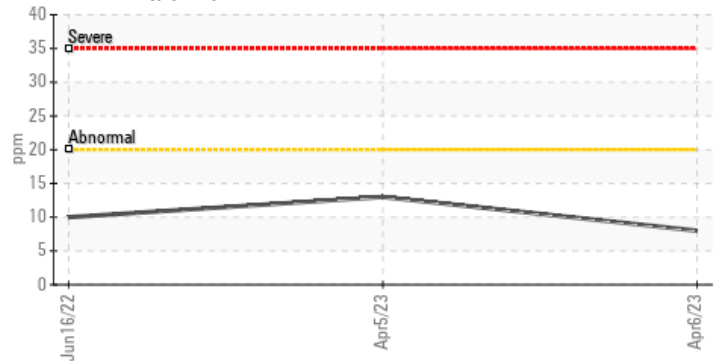
### Chromium (ppm)



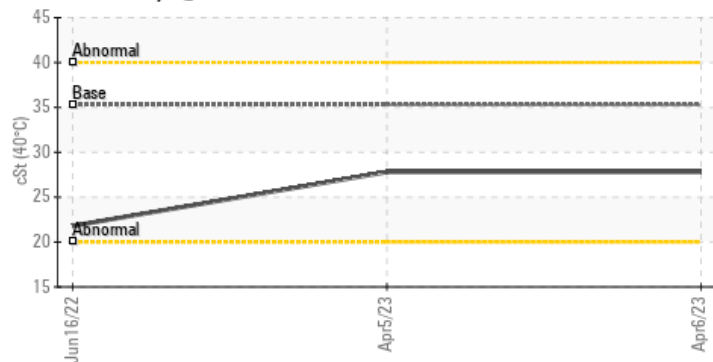
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

