



# CONSTRUCTION EQUIPMENT

## SWA590217-20 VOLVO A30G 752316 - TRANSMISSION (AUTO)



**Sample No:** VCP447047  
**Oil Type:** DEXRON III  
**Job No:** SWA590217-20



### SAMPLE INFORMATION

Sample Number	<b>VCP447047</b>	VCP454053	VCP379711	---
Sample Date	<b>20 Jun 2024</b>	06 Jun 2024	29 Nov 2022	---
Machine Hours	<b>3960</b>	3946	2557	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>N/A</b>	Not Changd	Changed	---
Sample Status	<b>NORMAL</b>	SEVERE	ATTENTION	---

### ALTA EQUIPMENT COMPANY

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 F: (954)583-0318



### OIL CONDITION

Visc @ 40°C	cSt	<b>31.2</b>	28.4	29.7	---
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### CONTAMINATION

Water	%	<b>NEG</b>	▲ 2.61	NEG	---
Silicon	ppm	<b>8</b>	7	15	---
Sodium	ppm	<b>2</b>	2	0	---
Potassium	ppm	<b>4</b>	4	0	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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>24</b>	43	37	---
Copper	ppm	<b>11</b>	8	23	---
Lead	ppm	<b>0</b>	4	0	---
Tin	ppm	<b>3</b>	3	2	---
Aluminum	ppm	<b>14</b>	5	21	---
Chromium	ppm	<b>&lt;1</b>	<1	0	---
Molybdenum	ppm	<b>2</b>	2	0	---
Nickel	ppm	<b>&lt;1</b>	<1	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>1</b>	4	4	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>69</b>	62	71	---
Magnesium	ppm	<b>7</b>	6	0	---
Zinc	ppm	<b>24</b>	22	7	---
Phosphorus	ppm	<b>192</b>	109	184	---
Barium	ppm	<b>0</b>	0	<1	---
Boron	ppm	<b>70</b>	22	73	---

**Depot:** VOLVO0095  
**Unique No:** 11110154  
**Signed:** Don Baldrige  
**Report Date:** 05 Jul 2024

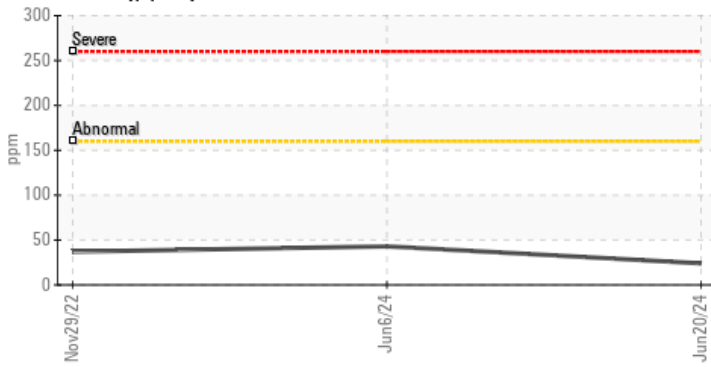


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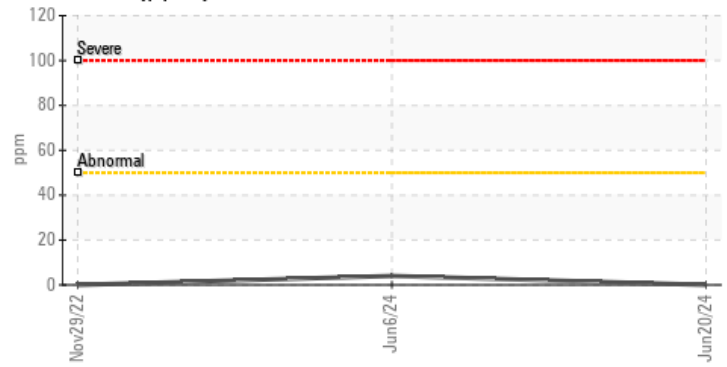


## GRAPHS

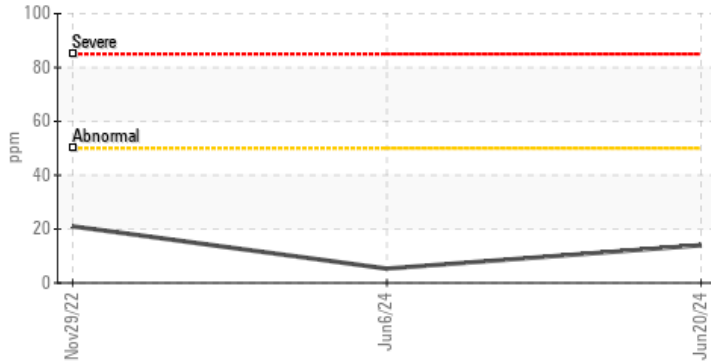
### Iron (ppm)



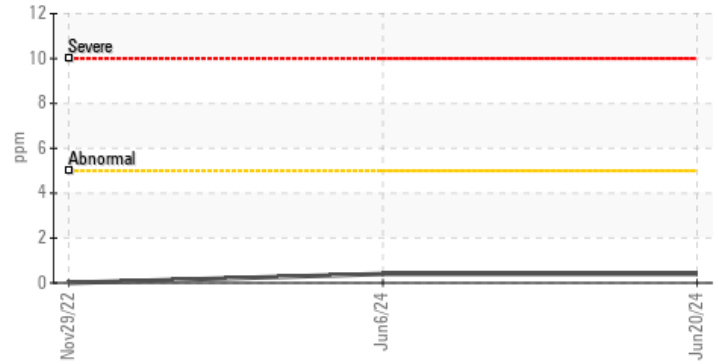
### Lead (ppm)



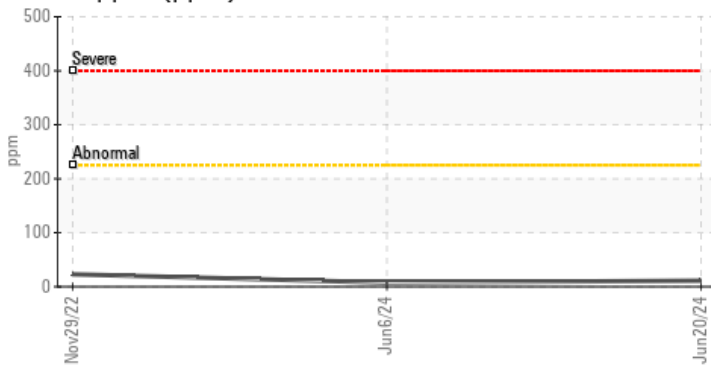
### Aluminum (ppm)



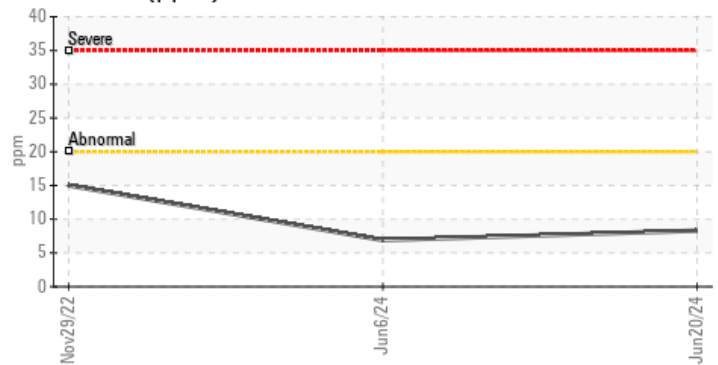
### Chromium (ppm)



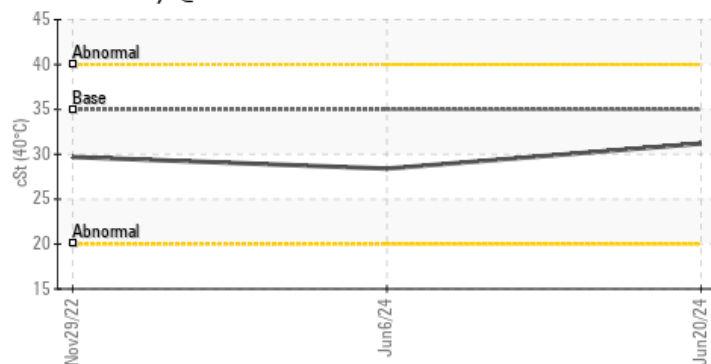
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

