



# CONSTRUCTION EQUIPMENT

518887 RENTALS VOLVO A30G 752643 - TRANSMISSION (AUTO)



**Sample No:** VCP438376  
**Oil Type:** VOLVO AT 102  
**Job No:** 518887 RENTALS



## SAMPLE INFORMATION

Sample Number	<b>VCP438376</b>	VCP397421	---	---
Sample Date	<b>27 Mar 2024</b>	13 Jan 2023	---	---
Machine Hours	<b>1981</b>	1616	---	---
Oil Hours	<b>0</b>	1616	---	---
Oil Changed	<b>Changed</b>	Not Chngd	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
8418 PALM RIVER ROAD  
TAMPA, FL  
US 33619  
Contact: KENNY HANEY  
khaney@flaglerce.com  
T: (813)630-0077  
F: (813)630-2233



## OIL CONDITION

Visc @ 40°C	cSt	<b>29.0</b>	29.3	---	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>12</b>	11	---	---
Sodium	ppm	<b>6</b>	4	---	---
Potassium	ppm	<b>3</b>	3	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>32</b>	32	---	---
Copper	ppm	<b>14</b>	16	---	---
Lead	ppm	<b>0</b>	<1	---	---
Tin	ppm	<b>5</b>	5	---	---
Aluminum	ppm	<b>24</b>	22	---	---
Chromium	ppm	<b>0</b>	<1	---	---
Molybdenum	ppm	<b>0</b>	<1	---	---
Nickel	ppm	<b>&lt;1</b>	2	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>4</b>	2	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>72</b>	71	---	---
Magnesium	ppm	<b>1</b>	<1	---	---
Zinc	ppm	<b>3</b>	6	---	---
Phosphorus	ppm	<b>198</b>	172	---	---
Barium	ppm	<b>&lt;1</b>	0	---	---
Boron	ppm	<b>71</b>	72	---	---

**Depot:** VOLVO0093  
**Unique No:** 10994935  
**Signed:** Jonathan Hester  
**Report Date:** 26 Apr 2024



# CONSTRUCTION EQUIPMENT

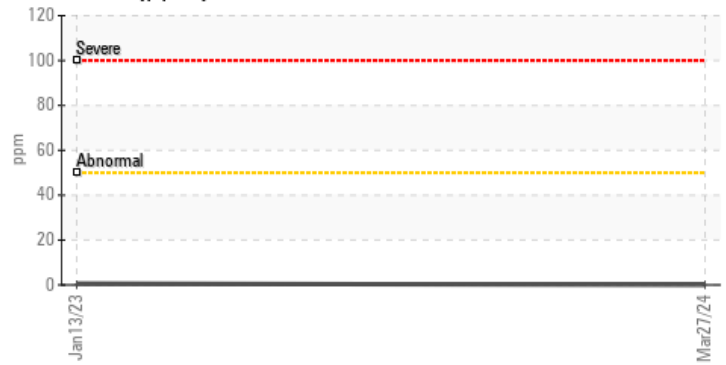


## GRAPHS

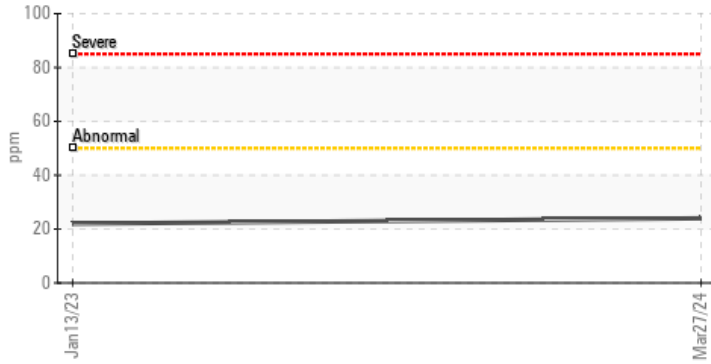
### Iron (ppm)



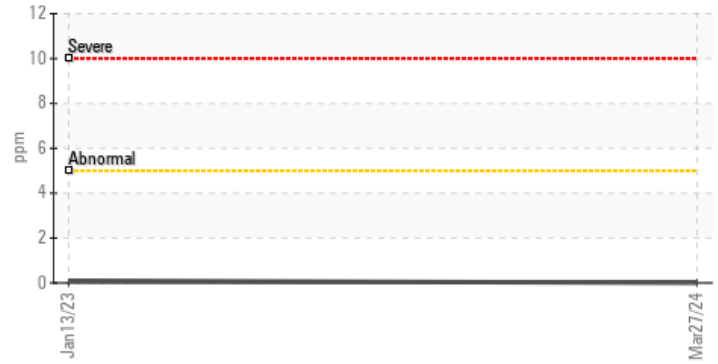
### Lead (ppm)



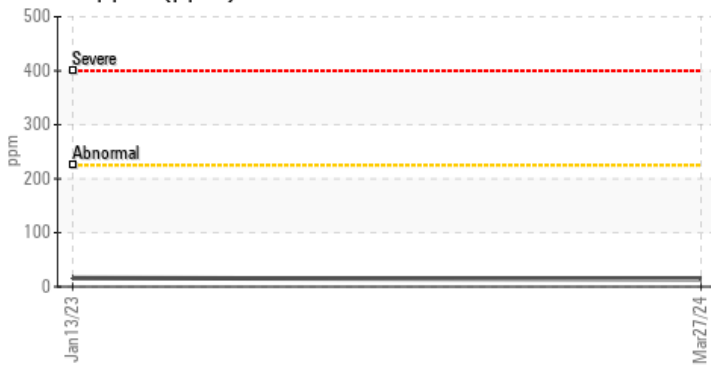
### Aluminum (ppm)



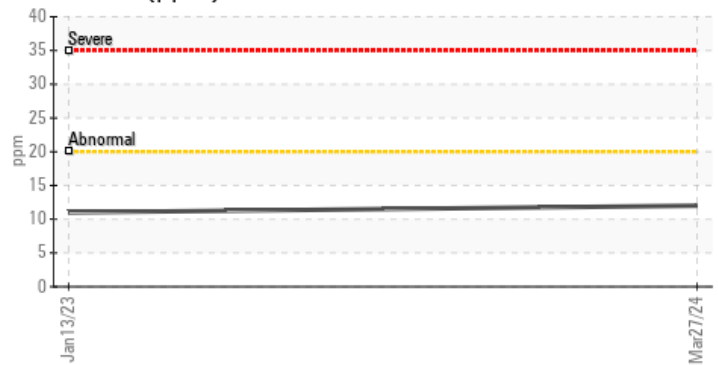
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

