



# CONSTRUCTION EQUIPMENT

SWO-066004 VOLVO A45G 352769 - GEARBOX



**Sample No:** VCP433850  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-066004



## SAMPLE INFORMATION

Sample Number	<b>VCP433850</b>	VCP365949	---	---
Sample Date	<b>20 Sep 2023</b>	22 Sep 2022	---	---
Machine Hours	<b>4400</b>	2360	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>N/A</b>	Not Changd	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>43.1</b>	152	---	---
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## CONTAMINATION

Silicon	ppm	<b>18</b>	5	---	---
Sodium	ppm	<b>7</b>	5	---	---
Potassium	ppm	<b>2</b>	<1	---	---



## WEAR METALS

Iron	ppm	<b>27</b>	169	---	---
Copper	ppm	<b>106</b>	<1	---	---
Lead	ppm	<b>&lt;1</b>	<1	---	---
Tin	ppm	<b>0</b>	<1	---	---
Aluminum	ppm	<b>3</b>	1	---	---
Chromium	ppm	<b>&lt;1</b>	3	---	---
Molybdenum	ppm	<b>2</b>	6	---	---
Nickel	ppm	<b>6</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>1</b>	7	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>3167</b>	2705	---	---
Magnesium	ppm	<b>20</b>	26	---	---
Zinc	ppm	<b>1446</b>	1097	---	---
Phosphorus	ppm	<b>1194</b>	1007	---	---
Barium	ppm	<b>0</b>	5	---	---
Boron	ppm	<b>103</b>	39	---	---

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

**Depot:** SAIBIR  
**Unique No:** 10661345  
**Signed:** Don Baldrige  
**Report Date:** 26 Sep 2023



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## GRAPHS

### Iron (ppm)



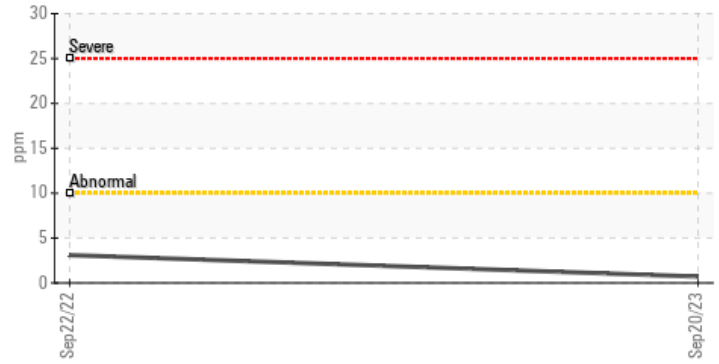
### Lead (ppm)



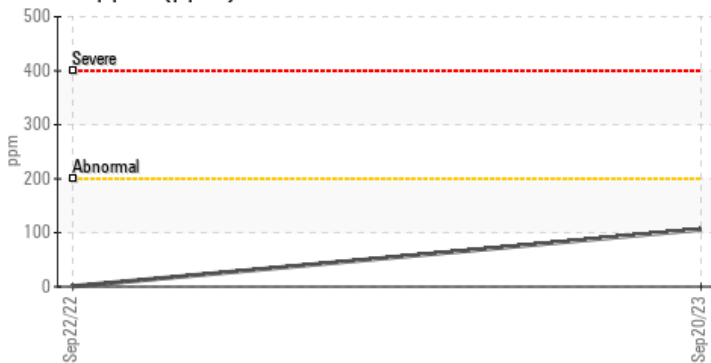
### Aluminum (ppm)



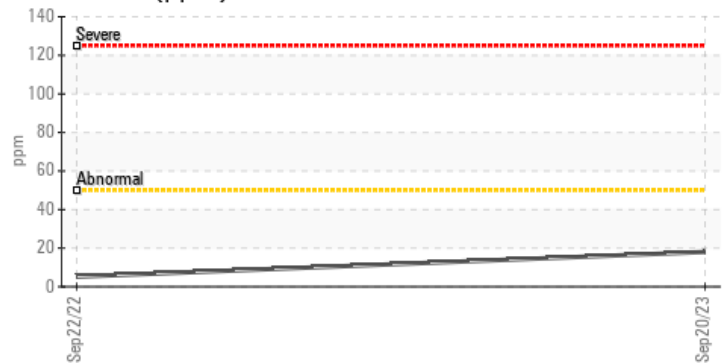
### Chromium (ppm)



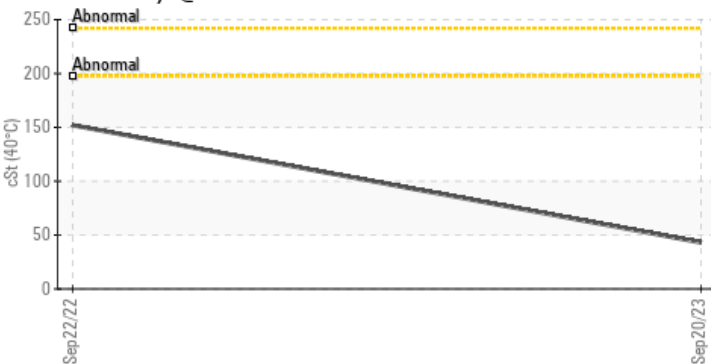
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

