



# CONSTRUCTION EQUIPMENT

SWO-066004 VOLVO A45G 352769 - DROP BOX



**Sample No:** VCP431098  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-066004



## SAMPLE INFORMATION

Sample Number	<b>VCP431098</b>	VCP416653	VCP402394	VCP383687
Sample Date	<b>20 Sep 2023</b>	21 Jun 2023	02 Mar 2023	05 Dec 2022
Machine Hours	<b>4400</b>	3875	3355	2886
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	ABNORMAL	ATTENTION	NORMAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>266</b>	125	125	125
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## CONTAMINATION

Silicon	ppm	<b>6</b>	11	7	9
Sodium	ppm	<b>&lt;1</b>	10	5	8
Potassium	ppm	<b>1</b>	5	5	3



## WEAR METALS

Iron	ppm	<b>94</b>	537	440	162
Copper	ppm	<b>2</b>	11	8	8
Lead	ppm	<b>0</b>	<1	0	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>1</b>	5	<1	2
Chromium	ppm	<b>1</b>	7	5	3
Molybdenum	ppm	<b>6</b>	15	13	11
Nickel	ppm	<b>&lt;1</b>	5	2	1
Titanium	ppm	<b>0</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	6	3	2
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>386</b>	2348	2275	2387
Magnesium	ppm	<b>16</b>	29	20	27
Zinc	ppm	<b>225</b>	1056	999	889
Phosphorus	ppm	<b>1034</b>	1267	1166	1123
Barium	ppm	<b>0</b>	0	6	0
Boron	ppm	<b>95</b>	81	69	77

## 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:** 10661343  
**Signed:** Don Baldrige  
**Report Date:** 26 Sep 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

