



# CONSTRUCTION EQUIPMENT

SWO 064669 VOLVO A45G 352698 - TANK BRAKE



**Sample No:** VCP406869  
**Oil Type:** NOT GIVEN  
**Job No:** SWO 064669



## SAMPLE INFORMATION

Sample Number	<b>VCP406869</b>	VCP410136	VCP367719	VCP390111
Sample Date	<b>07 Aug 2023</b>	16 May 2023	17 Jan 2023	12 Oct 2022
Machine Hours	<b>4553</b>	4038	3513	3026
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>43.4</b>	40.2	37.5	48.3
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## CONTAMINATION

Silicon	ppm	<b>18</b>	20	21	17
Sodium	ppm	<b>5</b>	9	11	10
Potassium	ppm	<b>2</b>	2	0	0



## WEAR METALS

Iron	ppm	<b>25</b>	35	41	30
Copper	ppm	<b>155</b>	194	198	181
Lead	ppm	<b>0</b>	0	4	<1
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>3</b>	1	1	1
Chromium	ppm	<b>&lt;1</b>	1	1	<1
Molybdenum	ppm	<b>3</b>	<1	<1	<1
Nickel	ppm	<b>6</b>	7	7	5
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	2	2	2
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3289</b>	3408	3375	3399
Magnesium	ppm	<b>24</b>	9	12	10
Zinc	ppm	<b>1413</b>	1499	1457	1462
Phosphorus	ppm	<b>1209</b>	1234	1150	1233
Barium	ppm	<b>2</b>	0	0	0
Boron	ppm	<b>118</b>	105	113	115

## 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:** 10603722  
**Signed:** Sean Felton  
**Report Date:** 15 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

