



# CONSTRUCTION EQUIPMENT

SWO-063672 VOLVO A45G 352708 - BOGIE/CENTER AXLE



**Sample No:** VCP404725  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-063672



## SAMPLE INFORMATION

Sample Number	<b>VCP404725</b>	VCP402466	VCP369288	VCP366771
Sample Date	<b>06 Jul 2023</b>	24 Mar 2023	08 Nov 2022	25 Jul 2022
Machine Hours	<b>3920</b>	3429	2956	2440
Oil Hours	<b>0</b>	0	0	2440
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ABNORMAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>48.8</b>	48.4	50.5	50.2
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## CONTAMINATION

Silicon	ppm	<b>5</b>	4	3	6
Sodium	ppm	<b>2</b>	2	1	<1
Potassium	ppm	<b>3</b>	6	<1	6



## WEAR METALS

Iron	ppm	<b>206</b>	241	163	283
Copper	ppm	<b>2</b>	2	2	2
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	<1	<1	1
Chromium	ppm	<b>2</b>	3	2	4
Molybdenum	ppm	<b>10</b>	11	7	7
Nickel	ppm	<b>&lt;1</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>10</b>	10	8	12
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>85</b>	86	82	176
Magnesium	ppm	<b>&lt;1</b>	5	0	2
Zinc	ppm	<b>36</b>	33	1	77
Phosphorus	ppm	<b>2515</b>	2492	2278	2355
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>209</b>	211	222	282

## 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.

**Depot:** SAIBIR  
**Unique No:** 10551195  
**Signed:** Sean Felton  
**Report Date:** 12 Jul 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

