



# CONSTRUCTION EQUIPMENT

SWO-063332 VOLVO A30G 752677 - REAR AXLE



**Sample No:** VCP408942  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-063332



## SAMPLE INFORMATION

Sample Number	<b>VCP408942</b>	VCP368404	VCP366674	---
Sample Date	<b>23 Jun 2023</b>	18 Nov 2022	11 Aug 2022	---
Machine Hours	<b>2405</b>	915	434	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>92.3</b>	91.6	92.5	---
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## CONTAMINATION

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



## WEAR METALS

Iron	ppm	<b>387</b>	209	187	---
Copper	ppm	<b>19</b>	18	13	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	<1	<1	---
Aluminum	ppm	<b>0</b>	<1	1	---
Chromium	ppm	<b>6</b>	4	3	---
Molybdenum	ppm	<b>20</b>	12	11	---
Nickel	ppm	<b>3</b>	2	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>2</b>	0	0	---
Manganese	ppm	<b>13</b>	10	8	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>715</b>	747	749	---
Magnesium	ppm	<b>3</b>	3	1	---
Zinc	ppm	<b>310</b>	322	329	---
Phosphorus	ppm	<b>1254</b>	1273	1329	---
Barium	ppm	<b>5</b>	1	7	---
Boron	ppm	<b>234</b>	241	271	---

## 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:** 10536404  
**Signed:** Don Baldrige  
**Report Date:** 02 Jul 2023



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## GRAPHS

