



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 352973 - BOGIE/CENTER AXLE



**Sample No:** VCP431890

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP431890	VCP427337	VCP403944	VCP405914
Sample Date	08 Nov 2023	24 Aug 2023	06 Jun 2023	21 Mar 2023
Machine Hours	3521	3044	2472	2001
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**SAIIA CONSTRUCTION LLC**

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### OIL CONDITION

Visc @ 40°C	cSt	50.8	50.5	50.6	50.5
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	4	2
Sodium	ppm	3	<1	3	3
Potassium	ppm	4	4	4	1

### 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.



### WEAR METALS

Iron	ppm	171	247	261	75
Copper	ppm	3	3	1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	2	3	4	<1
Molybdenum	ppm	4	8	8	5
Nickel	ppm	1	1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	9	12	11	4
Vanadium	ppm	0	0	0	0



### ADDITIVES

Calcium	ppm	144	135	154	132
Magnesium	ppm	2	0	<1	1
Zinc	ppm	69	67	64	56
Phosphorus	ppm	2324	2278	2513	2472
Barium	ppm	0	0	0	0
Boron	ppm	162	170	227	279

**Depot:** SAIBIR

**Unique No:** 10750861

**Signed:** Angela Borella

**Report Date:** 21 Nov 2023



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## VOLVO GRAPHS

