



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 352973 - BRAKE



**Sample No:** VCP433867

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP433867</b>	VCP426208	VCP404587	VCP405256
Sample Date	<b>08 Nov 2023</b>	24 Aug 2023	06 Jun 2023	21 Mar 2023
Machine Hours	<b>3521</b>	3044	2472	2001
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**SAIIA CONSTRUCTION LLC**

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### OIL CONDITION

Visc @ 40°C	cSt	<b>40.4</b>	40.3	40.3	46.3
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>18</b>	17	17	17
Sodium	ppm	<b>11</b>	7	10	11
Potassium	ppm	<b>&lt;1</b>	2	<1	<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	<b>22</b>	21	17	14
Copper	ppm	<b>246</b>	241	188	165
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>&lt;1</b>	1	<1	1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>4</b>	4	3	2
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	2	1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3318</b>	3410	3649	3754
Magnesium	ppm	<b>10</b>	5	10	11
Zinc	ppm	<b>1454</b>	1441	1636	1593
Phosphorus	ppm	<b>1316</b>	1243	1346	1322
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>113</b>	117	114	132

**Depot:** SAIBIR

**Unique No:** 10750885

**Signed:** Angela Borella

**Report Date:** 21 Nov 2023



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## VOLVO GRAPHS

