



# CONSTRUCTION EQUIPMENT

## 133900 VOLVO A25G 740046 - BRAKE



**Sample No:** VCP410093

**Oil Type:** NOT GIVEN

**Job No:** 133900



### SAMPLE INFORMATION

Sample Number	<b>VCP410093</b>	VCP371706	VCP314057	VCP322656
Sample Date	<b>01 Aug 2023</b>	17 Nov 2022	27 May 2022	28 May 2021
Machine Hours	<b>9169</b>	8779	8446	7406
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Changed
Sample Status	<b>ABNORMAL</b>	ABNORMAL	ABNORMAL	ABNORMAL

**FCS CONSTRUCTION LLC**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>51.4</b>	52.2	52.2	51.6
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### CONTAMINATION

Silicon	ppm	<b>17</b>	16	14	20
Sodium	ppm	<b>2</b>	3	6	3
Potassium	ppm	<b>2</b>	2	0	<1



### WEAR METALS

Iron	ppm	<b>31</b>	28	26	26
Copper	ppm	<b>531</b>	514	426	334
Lead	ppm	<b>&lt;1</b>	1	6	1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>3</b>	<1	1	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>1</b>	1	1	<1
Nickel	ppm	<b>2</b>	0	1	1
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	2	2	1
Vanadium	ppm	<b>0</b>	0	0	<1



### ADDITIVES

Calcium	ppm	<b>2538</b>	2640	2438	2933
Magnesium	ppm	<b>7</b>	8	10	8
Zinc	ppm	<b>991</b>	1020	965	1221
Phosphorus	ppm	<b>1032</b>	1066	990	1038
Barium	ppm	<b>2</b>	0	0	0
Boron	ppm	<b>47</b>	45	68	134

### Diagnosis

The fluid change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** FCS DAL  
**Unique No:** 10603754  
**Signed:** Don Baldrige  
**Report Date:** 15 Aug 2023



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## GRAPHS

