



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 740250 - WET DISC BRAKE



**Sample No:** VCP412161  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP412161</b>	VCP344738	---	---
Sample Date	<b>28 Aug 2023</b>	25 Oct 2021	---	---
Machine Hours	<b>5525</b>	3871	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	---	---

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>46.7</b>	49.9	---	---
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### CONTAMINATION

Silicon	ppm	<b>21</b>	17	---	---
Sodium	ppm	<b>2</b>	5	---	---
Potassium	ppm	<b>1</b>	<1	---	---



### WEAR METALS

Iron	ppm	<b>21</b>	19	---	---
Copper	ppm	<b>487</b>	533	---	---
Lead	ppm	<b>&lt;1</b>	<1	---	---
Tin	ppm	<b>0</b>	<1	---	---
Aluminum	ppm	<b>2</b>	<1	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>&lt;1</b>	<1	---	---
Nickel	ppm	<b>1</b>	1	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	<1	---	---
Manganese	ppm	<b>2</b>	2	---	---
Vanadium	ppm	<b>0</b>	<1	---	---



### ADDITIVES

Calcium	ppm	<b>3341</b>	3164	---	---
Magnesium	ppm	<b>11</b>	8	---	---
Zinc	ppm	<b>1280</b>	1216	---	---
Phosphorus	ppm	<b>1186</b>	1028	---	---
Barium	ppm	<b>2</b>	0	---	---
Boron	ppm	<b>128</b>	97	---	---

**Diagnosis**  
 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 oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0090  
**Unique No:** 10633229  
**Signed:** Don Baldrige  
**Report Date:** 07 Sep 2023



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## GRAPHS

