



# CONSTRUCTION EQUIPMENT

## 9640 VOLVO A25G 752013 - WET DISC BRAKE



**Sample No:** VCP413682  
**Oil Type:** VOLVO WB 102  
**Job No:** 9640



### SAMPLE INFORMATION

Sample Number	<b>VCP413682</b>	VCP314633	VCP278251	---
Sample Date	<b>16 Sep 2023</b>	19 Oct 2021	02 Oct 2020	---
Machine Hours	<b>4616</b>	2023	463	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>42.4</b>	40.1	41.7	---
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### CONTAMINATION

Silicon	ppm	<b>12</b>	14	8	---
Sodium	ppm	<b>&lt;1</b>	9	5	---
Potassium	ppm	<b>2</b>	0	<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>11</b>	10	3	---
Copper	ppm	<b>39</b>	▲ 159	<1	---
Lead	ppm	<b>0</b>	1	0	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>0</b>	<1	0	---
Chromium	ppm	<b>&lt;1</b>	<1	0	---
Molybdenum	ppm	<b>&lt;1</b>	<1	9	---
Nickel	ppm	<b>&lt;1</b>	<1	0	---
Titanium	ppm	<b>&lt;1</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	<1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>3696</b>	3511	3068	---
Magnesium	ppm	<b>12</b>	9	47	---
Zinc	ppm	<b>1625</b>	1540	1233	---
Phosphorus	ppm	<b>1249</b>	1209	1065	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>122</b>	105	114	---

**Depot:** VOLV00150  
**Unique No:** 10695821  
**Signed:** Don Baldrige  
**Report Date:** 17 Oct 2023



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## GRAPHS

