



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 742658 - WET DISC BRAKE



**Sample No:** VCP0008117  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP0008117</b>	VCP0008082	VCP315040	---
Sample Date	<b>04 Dec 2023</b>	02 Oct 2023	10 Mar 2021	---
Machine Hours	<b>1534</b>	0	938	---
Oil Hours	<b>1534</b>	0	0	---
Oil Changed	<b>N/A</b>	N/A	Not Changd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	ABNORMAL	---

**ALTA EQUIPMENT COMPANY**  
 8750 PHILIPS HWY  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>43.3</b>	41.7	39.3	---
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### CONTAMINATION

Water	%	<b>NEG</b>	▲ 0.360	NEG	---
Silicon	ppm	<b>11</b>	10	14	---
Sodium	ppm	<b>3</b>	7	6	---
Potassium	ppm	<b>4</b>	<1	5	---

### 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>13</b>	7	8	---
Copper	ppm	<b>&lt;1</b>	▲ 138	▲ 204	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>&lt;1</b>	4	0	---
Chromium	ppm	<b>0</b>	<1	0	---
Molybdenum	ppm	<b>&lt;1</b>	0	1	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	0	<1	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>&lt;1</b>	<1	1	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>3772</b>	3067	4114	---
Magnesium	ppm	<b>9</b>	6	5	---
Zinc	ppm	<b>1558</b>	1329	1491	---
Phosphorus	ppm	<b>1263</b>	1161	1345	---
Barium	ppm	<b>0</b>	0	<1	---
Boron	ppm	<b>127</b>	103	126	---

**Depot:** VOLVO0092  
**Unique No:** 10777934  
**Signed:** Don Baldrige  
**Report Date:** 10 Dec 2023



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## GRAPHS

