



# CONSTRUCTION EQUIPMENT

W010713610 STANLEY VOLVO A35G 342028 - WET DISC BRAKE



**Sample No:** VCP409424  
**Oil Type:** VOLVO WB 102  
**Job No:** W010713610 STANLEY



## SAMPLE INFORMATION

Sample Number	<b>VCP409424</b>	VCP271073	VCP219475	---
Sample Date	<b>30 Nov 2023</b>	28 Jan 2020	03 Jan 2018	---
Machine Hours	<b>8454</b>	2952	293	---
Oil Hours	<b>0</b>	0	293	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>42.2</b>	41.3	41.13	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>9</b>	21	21	---
Sodium	ppm	<b>2</b>	4	3	---
Potassium	ppm	<b>1</b>	0	<1	---



## WEAR METALS

Iron	ppm	<b>24</b>	44	19	---
Copper	ppm	<b>231</b>	302	11	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>2</b>	1	<1	---
Chromium	ppm	<b>&lt;1</b>	1	<1	---
Molybdenum	ppm	<b>&lt;1</b>	0	0	---
Nickel	ppm	<b>3</b>	6	2	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	2	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>3296</b>	3955	4024	---
Magnesium	ppm	<b>9</b>	8	8	---
Zinc	ppm	<b>1417</b>	1601	1476	---
Phosphorus	ppm	<b>1240</b>	1265	1303	---
Barium	ppm	<b>2</b>	0	0	---
Boron	ppm	<b>111</b>	104	111	---

## Diagnosis

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

**Depot:** VOLVO0002  
**Unique No:** 10768671  
**Signed:** Don Baldrige  
**Report Date:** 06 Dec 2023



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## VOLVO GRAPHS

