



# CONSTRUCTION EQUIPMENT

SWA478932 OZINGA VOLVO L70G 614525 - REAR AXLE



**Sample No:** VCP445831  
**Oil Type:** VOLVO WB 102  
**Job No:** SWA478932 OZINGA



## SAMPLE INFORMATION

Sample Number	<b>VCP445831</b>	VCP379723	VCP202081	---
Sample Date	<b>23 Feb 2024</b>	11 Nov 2022	03 Oct 2016	---
Machine Hours	<b>8286</b>	7732	2592	---
Oil Hours	<b>0</b>	7732	0	---
Oil Changed	<b>Changed</b>	Changed	N/A	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	NORMAL	---

### ALTA EQUIPMENT COMPANY

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## OIL CONDITION

Visc @ 40°C	cSt	<b>49.1</b>	41.1	40.45	---
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## CONTAMINATION

Water	%	<b>0.621</b>	NEG	NEG	---
Silicon	ppm	<b>25</b>	24	13	---
Sodium	ppm	<b>7</b>	0	1	---
Potassium	ppm	<b>1</b>	2	2	---



## WEAR METALS

Iron	ppm	<b>59</b>	129	51	---
Copper	ppm	<b>2</b>	1	8	---
Lead	ppm	<b>&lt;1</b>	0	<1	---
Tin	ppm	<b>&lt;1</b>	0	3	---
Aluminum	ppm	<b>2</b>	5	0	---
Chromium	ppm	<b>&lt;1</b>	2	2	---
Molybdenum	ppm	<b>0</b>	5	<1	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	<1	0	---
Manganese	ppm	<b>1</b>	3	2	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>3462</b>	4454	3793	---
Magnesium	ppm	<b>17</b>	16	13	---
Zinc	ppm	<b>1524</b>	1712	1560	---
Phosphorus	ppm	<b>1299</b>	1335	1252	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>124</b>	157	112	---

## Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0095  
**Unique No:** 10900215  
**Signed:** Jonathan Hester  
**Report Date:** 29 Feb 2024



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## GRAPHS

