



# CONSTRUCTION EQUIPMENT

SWA436278 VOLVO L90H 626917 - REAR AXLE



**Sample No:** VCP433812  
**Oil Type:** VOLVO WB 102  
**Job No:** SWA436278



## SAMPLE INFORMATION

Sample Number	<b>VCP433812</b>	VCP398840	---	---
Sample Date	<b>21 Dec 2023</b>	19 Dec 2022	---	---
Machine Hours	<b>845</b>	2090	---	---
Oil Hours	<b>0</b>	2090	---	---
Oil Changed	<b>N/A</b>	Not Changd	---	---
Sample Status	<b>ATTENTION</b>	NORMAL	---	---

**ALTA EQUIPMENT COMPANY - METRO WEST**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>41.0</b>	40.9	---	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>16</b>	11	---	---
Sodium	ppm	<b>0</b>	0	---	---
Potassium	ppm	<b>3</b>	2	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. An increase in the copper level is noted. 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.



## WEAR METALS

Iron	ppm	<b>30</b>	34	---	---
Copper	ppm	<b>78</b>	7	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>4</b>	<1	---	---
Aluminum	ppm	<b>2</b>	0	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>&lt;1</b>	<1	---	---
Nickel	ppm	<b>0</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>1</b>	2	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>3742</b>	3456	---	---
Magnesium	ppm	<b>7</b>	10	---	---
Zinc	ppm	<b>1584</b>	1429	---	---
Phosphorus	ppm	<b>1247</b>	1211	---	---
Barium	ppm	<b>0</b>	1	---	---
Boron	ppm	<b>138</b>	18	---	---

**Depot:** VOLVO2990  
**Unique No:** 10805882  
**Signed:** Sean Felton  
**Report Date:** 28 Dec 2023



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## GRAPHS

