



# CONSTRUCTION EQUIPMENT

SPM593821 VOLVO L90E 67647 - FRONT AXLE



**Sample No:** VCP415246  
**Oil Type:** VOLVO WB 102  
**Job No:** SPM593821



## SAMPLE INFORMATION

Sample Number	<b>VCP415246</b>	VCP404238	VCP374576	---
Sample Date	<b>25 Aug 2023</b>	14 Dec 2022	01 Jun 2022	---
Machine Hours	<b>39190</b>	38982	38237	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**VICTORY AUTO WRECKERS**  
710 EAST GREEN STREET  
BENSENVILLE, IL  
US 60196  
Contact: SERVICE MANAGER



## OIL CONDITION

Visc @ 40°C	cSt	<b>42.4</b>	41.2	41.2	---
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T: (630)860-2000  
F:



## CONTAMINATION

Silicon	ppm	<b>10</b>	17	14	---
Sodium	ppm	<b>3</b>	0	0	---
Potassium	ppm	<b>2</b>	1	0	---

## 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>20</b>	108	72	---
Copper	ppm	<b>1</b>	<1	<1	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>1</b>	<1	1	---
Chromium	ppm	<b>&lt;1</b>	2	1	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>&lt;1</b>	2	2	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>4003</b>	4041	3833	---
Magnesium	ppm	<b>11</b>	17	16	---
Zinc	ppm	<b>1622</b>	1626	1552	---
Phosphorus	ppm	<b>1307</b>	1284	1244	---
Barium	ppm	<b>2</b>	<1	0	---
Boron	ppm	<b>150</b>	144	138	---

**Depot:** VICBEN  
**Unique No:** 10633250  
**Signed:** Wes Davis  
**Report Date:** 06 Sep 2023



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## GRAPHS

