



# CONSTRUCTION EQUIPMENT

660450 PRINCE VOLVO L90H 626545 - REAR AXLE



**Sample No:** VCP438299  
**Oil Type:** VOLVO WB 102  
**Job No:** 660450 PRINCE



## SAMPLE INFORMATION

Sample Number	<b>VCP438299</b>	VCP440384	VCP417672	---
Sample Date	<b>16 Jan 2024</b>	20 Oct 2023	07 Jul 2023	---
Machine Hours	<b>2003</b>	1583	988	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
9601 BOGGY CREEK RD  
ORLANDO, FL  
US 32824  
Contact: Robert LaPlante  
robert.laplante@altg.com  
T: (407)508-9736  
F: (407)659-8720



## OIL CONDITION

Visc @ 40°C	cSt	<b>44.7</b>	41.1	41.0	---
-------------	-----	-------------	------	------	-----



## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>15</b>	21	19	---
Sodium	ppm	<b>2</b>	11	10	---
Potassium	ppm	<b>0</b>	2	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>46</b>	70	56	---
Copper	ppm	<b>&lt;1</b>	24	19	---
Lead	ppm	<b>&lt;1</b>	<1	0	---
Tin	ppm	<b>&lt;1</b>	3	<1	---
Aluminum	ppm	<b>&lt;1</b>	1	1	---
Chromium	ppm	<b>1</b>	4	3	---
Molybdenum	ppm	<b>4</b>	2	4	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>2</b>	7	5	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>3723</b>	3816	3928	---
Magnesium	ppm	<b>28</b>	14	11	---
Zinc	ppm	<b>1455</b>	1584	1653	---
Phosphorus	ppm	<b>1213</b>	1284	1324	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>121</b>	125	132	---

**Depot:** VOLVO0096  
**Unique No:** 10845484  
**Signed:** Wes Davis  
**Report Date:** 24 Jan 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

