



# CONSTRUCTION EQUIPMENT

S50601798 IAA BAY PT VOLVO L90H 624600 - FRONT AXLE



**Sample No:** VCP340928  
**Oil Type:** VOLVO WB 102  
**Job No:** S50601798 IAA BAY PT



## SAMPLE INFORMATION

Sample Number	<b>VCP340928</b>	VCP353889	VCP295811	---
Sample Date	<b>16 Feb 2024</b>	09 Jan 2023	06 Oct 2021	---
Machine Hours	<b>9504</b>	7523	5204	---
Oil Hours	<b>0</b>	1000	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### VCES- VOLVO CONSTRUCTION EQUIPMENT

1944 MARINA BLVD  
 SAN LEANDRO, CA  
 US 94577

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## OIL CONDITION

Visc @ 40°C	cSt	<b>52.6</b>	41.9	39.4	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>13</b>	13	10	---
Sodium	ppm	<b>0</b>	10	4	---
Potassium	ppm	<b>2</b>	0	<1	---

## 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>29</b>	37	51	---
Copper	ppm	<b>2</b>	0	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	<1	---
Aluminum	ppm	<b>1</b>	2	4	---
Chromium	ppm	<b>&lt;1</b>	<1	2	---
Molybdenum	ppm	<b>15</b>	<1	2	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	0	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	1	4	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>3315</b>	4009	4025	---
Magnesium	ppm	<b>171</b>	16	13	---
Zinc	ppm	<b>1409</b>	1464	1554	---
Phosphorus	ppm	<b>1226</b>	1181	1235	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>120</b>	129	129	---

**Depot:** VOLVO4487  
**Unique No:** 10896249  
**Signed:** Wes Davis  
**Report Date:** 23 Feb 2024



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## GRAPHS

