



# CONSTRUCTION EQUIPMENT

## 23868 VOLVO L70H 624322 - REAR AXLE



**Sample No:** VCP426985  
**Oil Type:** VOLVO WB 102  
**Job No:** 23868



### SAMPLE INFORMATION

Sample Number	<b>VCP426985</b>	VCP383962	VCP342548	---
Sample Date	<b>10 Aug 2023</b>	01 Dec 2022	28 Apr 2022	---
Machine Hours	<b>4406</b>	2572	991	---
Oil Hours	<b>0</b>	500	0	---
Oil Changed	<b>Changed</b>	Changed	N/A	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>45.4</b>	46.6	39.9	---
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### CONTAMINATION

Silicon	ppm	<b>17</b>	16	9	---
Sodium	ppm	<b>3</b>	9	11	---
Potassium	ppm	<b>0</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>36</b>	40	32	---
Copper	ppm	<b>22</b>	9	<1	---
Lead	ppm	<b>0</b>	<1	1	---
Tin	ppm	<b>2</b>	1	<1	---
Aluminum	ppm	<b>0</b>	2	1	---
Chromium	ppm	<b>1</b>	2	2	---
Molybdenum	ppm	<b>2</b>	4	10	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>3</b>	5	6	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>3741</b>	3973	4250	---
Magnesium	ppm	<b>38</b>	48	14	---
Zinc	ppm	<b>1467</b>	1561	1587	---
Phosphorus	ppm	<b>1208</b>	1232	1387	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>126</b>	136	136	---

**Depot:** VOLVO3387  
**Unique No:** 10608423  
**Signed:** Wes Davis  
**Report Date:** 21 Aug 2023



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## GRAPHS

