



# CONSTRUCTION EQUIPMENT

## 10225 VOLVO L90H 625233 - FRONT AXLE



**Sample No:** VCP435515  
**Oil Type:** VOLVO WB 102  
**Job No:** 10225



### SAMPLE INFORMATION

Sample Number	<b>VCP435515</b>	VCP344944	VCP307774	---
Sample Date	<b>17 Jan 2024</b>	14 Jan 2022	12 May 2021	---
Machine Hours	<b>3932</b>	2030	1023	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**RECYCLE 1**  
 4700 LAWRENCE ST  
 HYATTSVILLE, MD  
 US 20781  
 Contact: MIKE DESJARDINS  
 mdesjarkins@wbwaste.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>47.5</b>	44.0	39.6	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>17</b>	12	9	---
Sodium	ppm	<b>&lt;1</b>	9	10	---
Potassium	ppm	<b>2</b>	0	2	---

### 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>34</b>	25	22	---
Copper	ppm	<b>&lt;1</b>	<1	<1	---
Lead	ppm	<b>0</b>	<1	<1	---
Tin	ppm	<b>&lt;1</b>	<1	<1	---
Aluminum	ppm	<b>1</b>	1	<1	---
Chromium	ppm	<b>1</b>	1	2	---
Molybdenum	ppm	<b>11</b>	7	9	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	<1	---
Silver	ppm	<b>0</b>	<1	<1	---
Manganese	ppm	<b>3</b>	3	6	---
Vanadium	ppm	<b>0</b>	0	<1	---



### ADDITIVES

Calcium	ppm	<b>3418</b>	3718	4014	---
Magnesium	ppm	<b>124</b>	54	12	---
Zinc	ppm	<b>1501</b>	1571	1654	---
Phosphorus	ppm	<b>1153</b>	1214	1341	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>126</b>	121	118	---

**Depot:** RECHYA  
**Unique No:** 10845877  
**Signed:** Wes Davis  
**Report Date:** 24 Jan 2024



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## GRAPHS

