



# CONSTRUCTION EQUIPMENT

SPM742858 VOLVO L120H 633335 - FRONT AXLE



**Sample No:** VCP425231  
**Oil Type:** VOLVO WB 102  
**Job No:** SPM742858



## SAMPLE INFORMATION

Sample Number	<b>VCP425231</b>	VCP420701	VCP425137	---
Sample Date	<b>08 Jul 2024</b>	30 Apr 2024	28 Sep 2023	---
Machine Hours	<b>3007</b>	2608	999	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**OZINGA BROS INC**  
 19001 OLD LAGRANDE RD  
 MOKENA, IL  
 US 60448  
 Contact: ED JONGSMA



## OIL CONDITION

Visc @ 40°C	cSt	<b>39.6</b>	39.1	41.5	---
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T: (708)326-4200  
 F:



## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>13</b>	16	37	---
Sodium	ppm	<b>0</b>	2	0	---
Potassium	ppm	<b>2</b>	0	4	---

## 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>4</b>	74	400	---
Copper	ppm	<b>4</b>	0	2	---
Lead	ppm	<b>&lt;1</b>	0	<1	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>4</b>	0	0	---
Chromium	ppm	<b>&lt;1</b>	1	8	---
Molybdenum	ppm	<b>&lt;1</b>	2	43	---
Nickel	ppm	<b>0</b>	0	2	---
Titanium	ppm	<b>&lt;1</b>	0	<1	---
Silver	ppm	<b>&lt;1</b>	0	0	---
Manganese	ppm	<b>0</b>	2	15	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>3358</b>	3332	4006	---
Magnesium	ppm	<b>16</b>	7	12	---
Zinc	ppm	<b>1474</b>	1407	1720	---
Phosphorus	ppm	<b>1254</b>	1186	1346	---
Barium	ppm	<b>&lt;1</b>	0	<1	---
Boron	ppm	<b>2</b>	0	134	---

**Depot:** OZIMOKVC  
**Unique No:** 11129495  
**Signed:** Wes Davis  
**Report Date:** 19 Jul 2024



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## GRAPHS

