



# CONSTRUCTION EQUIPMENT

660621 R BRO VOLVO L120H 632683 - FRONT AXLE



**Sample No:** VCP432665  
**Oil Type:** VOLVO WB 102  
**Job No:** 660621 R BRO



## SAMPLE INFORMATION

Sample Number	<b>VCP432665</b>	VCP432731	VCP422232	VCP370651
Sample Date	<b>16 Jan 2024</b>	31 Aug 2023	11 May 2023	12 Dec 2022
Machine Hours	<b>5187</b>	4522	4061	3124
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>44.8</b>	44.6	53.5	54.3
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>15</b>	11	11	11
Sodium	ppm	<b>2</b>	0	2	0
Potassium	ppm	<b>0</b>	0	<1	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>37</b>	24	60	50
Copper	ppm	<b>&lt;1</b>	0	0	<1
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>&lt;1</b>	0	<1	0
Aluminum	ppm	<b>1</b>	2	2	2
Chromium	ppm	<b>&lt;1</b>	<1	2	1
Molybdenum	ppm	<b>4</b>	2	4	5
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>1</b>	<1	3	2
Vanadium	ppm	<b>&lt;1</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3636</b>	3887	3484	3648
Magnesium	ppm	<b>33</b>	34	36	30
Zinc	ppm	<b>1429</b>	1551	1406	1333
Phosphorus	ppm	<b>1172</b>	1231	1092	1070
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>115</b>	124	79	89

**Depot:** VOLVO0096  
**Unique No:** 10845483  
**Signed:** Wes Davis  
**Report Date:** 24 Jan 2024



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## VOLVO GRAPHS

