



# CONSTRUCTION EQUIPMENT

715763 VOLVO L110G 8426 - FRONT AXLE



**Sample No:** VCP454553  
**Oil Type:** VOLVO WB 102  
**Job No:** 715763



## SAMPLE INFORMATION

Sample Number	<b>VCP454553</b>	VCP362604	VCE236276	VCE236657
Sample Date	<b>29 May 2024</b>	01 Apr 2022	14 Jun 2016	19 Mar 2016
Machine Hours	<b>16399</b>	13974	6000	5500
Oil Hours	<b>2000</b>	2000	500	1500
Oil Changed	<b>Changed</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### BLAZE CONSTRUCTION

5640 ST JEAN ST  
 DETROIT, MI  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>42.6</b>	41.5	50.03	89.72
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>13</b>	12	10	8
Sodium	ppm	<b>5</b>	2	1	<1
Potassium	ppm	<b>2</b>	0	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>18</b>	24	22	52
Copper	ppm	<b>0</b>	<1	0	0
Lead	ppm	<b>0</b>	<1	1	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>2</b>	<1	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>2</b>	4	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	1
Vanadium	ppm	<b>&lt;1</b>	0	<1	0



## ADDITIVES

Calcium	ppm	<b>3590</b>	3987	2674	3871
Magnesium	ppm	<b>31</b>	54	5	10
Zinc	ppm	<b>1509</b>	1402	1139	999
Phosphorus	ppm	<b>1235</b>	1310	933	1236
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>147</b>	143	2	4

**Depot:** BLADET  
**Unique No:** 11072509  
**Signed:** Wes Davis  
**Report Date:** 12 Jun 2024



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## VOLVO GRAPHS

