



# CONSTRUCTION EQUIPMENT

8000409218 VOLVO L120H 632081 - REAR AXLE



**Sample No:** VCP334147  
**Oil Type:** VOLVO WB 102  
**Job No:** 8000409218



## SAMPLE INFORMATION

Sample Number	<b>VCP334147</b>	VCP394662	VCP331797	VCP347412
Sample Date	<b>24 Jun 2024</b>	08 Dec 2023	12 Aug 2022	16 May 2022
Machine Hours	<b>36213</b>	33496	26239	24847
Oil Hours	<b>4000</b>	2000	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**STRONGCO EQUIP (AB)**  
6 - 38403 BURNT LAKE TRAIL  
RED DEER COUNTY, AB  
CA T4S 2L4  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>42.7</b>	47.3	55.7	50.4
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>13</b>	18	21	18
Sodium	ppm	<b>&lt;1</b>	1	<1	7
Potassium	ppm	<b>&lt;1</b>	0	1	0

## 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>17</b>	23	24	17
Copper	ppm	<b>&lt;1</b>	<1	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	2	2	1
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	<1	0	<1
Manganese	ppm	<b>&lt;1</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3968</b>	3808	4009	3593
Magnesium	ppm	<b>13</b>	16	16	19
Zinc	ppm	<b>1601</b>	1455	1500	1449
Phosphorus	ppm	<b>1260</b>	1172	1199	1245
Barium	ppm	<b>0</b>	<1	0	0
Boron	ppm	<b>116</b>	111	110	108

**Depot:** VOLVO9652  
**Unique No:** 5801755  
**Signed:** Wes Davis  
**Report Date:** 26 Jun 2024



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## VOLVO GRAPHS

