



# CONSTRUCTION EQUIPMENT

## 754073-10 WASTE MGMT VOLVO L120E 632377 - REAR AXLE



**Sample No:** VCP355106  
**Oil Type:** VOLVO WB 101  
**Job No:** 754073-10 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP355106</b>	VCP367850	VCP395853	VCP082612
Sample Date	<b>06 Sep 2023</b>	24 Jan 2023	07 Dec 2022	16 Nov 2022
Machine Hours	<b>10556</b>	9215	9000	8850
Oil Hours	<b>0</b>	371	1000	850
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE  
 BLOOMINGTON, IL  
 US 61705

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### OIL CONDITION

Visc @ 40°C	cSt	<b>42.9</b>	44.9	43.5	42.3
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### CONTAMINATION

Silicon	ppm	<b>9</b>	17	15	11
Sodium	ppm	<b>2</b>	2	2	4
Potassium	ppm	<b>0</b>	0	0	2



### WEAR METALS

Iron	ppm	<b>30</b>	74	132	22
Copper	ppm	<b>0</b>	<1	<1	<1
Lead	ppm	<b>&lt;1</b>	<1	<1	0
Tin	ppm	<b>&lt;1</b>	<1	<1	0
Aluminum	ppm	<b>1</b>	2	2	<1
Chromium	ppm	<b>&lt;1</b>	1	2	<1
Molybdenum	ppm	<b>1</b>	12	14	<1
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	8
Manganese	ppm	<b>&lt;1</b>	5	5	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>4174</b>	3969	4023	4189
Magnesium	ppm	<b>19</b>	25	27	12
Zinc	ppm	<b>1731</b>	1526	1533	1677
Phosphorus	ppm	<b>1401</b>	1218	1202	1319
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>130</b>	140	135	127

### 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.

**Depot:** VOLVO5054  
**Unique No:** 10647677  
**Signed:** Wes Davis  
**Report Date:** 18 Sep 2023



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## VOLVO GRAPHS

