



# CONSTRUCTION EQUIPMENT

## 390104 VOLVO L70G 614241 - REAR AXLE



**Sample No:** VCP392032  
**Oil Type:** VOLVO WB 102  
**Job No:** 390104



### SAMPLE INFORMATION

Sample Number	<b>VCP392032</b>	VCP263069	VCE249098	VCE241551
Sample Date	<b>10 Jan 2024</b>	16 Apr 2020	22 Mar 2018	18 Dec 2015
Machine Hours	<b>16437</b>	10469	6299	2190
Oil Hours	<b>0</b>	0	2000	2000
Oil Changed	<b>N/A</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### STRONGCO EQUIPMENT (CE)

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### OIL CONDITION

Visc @ 40°C	cSt	<b>42.4</b>	39.0	40.8	49.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>22</b>	14	12	15
Sodium	ppm	<b>2</b>	5	2	2
Potassium	ppm	<b>2</b>	1	0	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>50</b>	28	19	26
Copper	ppm	<b>4</b>	4	16	205
Lead	ppm	<b>&lt;1</b>	0	<1	8
Tin	ppm	<b>&lt;1</b>	<1	1	25
Aluminum	ppm	<b>4</b>	2	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	1
Molybdenum	ppm	<b>0</b>	0	0	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	2
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>4212</b>	4252	4143	3782
Magnesium	ppm	<b>17</b>	13	12	14
Zinc	ppm	<b>1605</b>	1728	1659	1555
Phosphorus	ppm	<b>1324</b>	1373	1321	1244
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>120</b>	125	124	107

**Depot:** VOLVO0252  
**Unique No:** 5709716  
**Signed:** Wes Davis  
**Report Date:** 12 Jan 2024



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## VOLVO GRAPHS

