



# CONSTRUCTION EQUIPMENT

## 25638 VOLVO L350H 1048 - FRONT AXLE



**Sample No:** VCP452654  
**Oil Type:** VOLVO WB 102  
**Job No:** 25638



### SAMPLE INFORMATION

Sample Number	<b>VCP452654</b>	VCP426917	VCP340392	VCP343351
Sample Date	<b>10 May 2024</b>	12 Aug 2023	25 Jun 2022	04 Nov 2021
Machine Hours	<b>12003</b>	9846	6859	4460
Oil Hours	<b>0</b>	1000	0	0
Oil Changed	<b>Changed</b>	Changed	N/A	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>48.4</b>	47.6	48.9	44.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>14</b>	17	17	12
Sodium	ppm	<b>3</b>	4	5	8
Potassium	ppm	<b>&lt;1</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>180</b>	325	285	<1
Copper	ppm	<b>4</b>	4	4	<1
Lead	ppm	<b>&lt;1</b>	0	<1	<1
Tin	ppm	<b>0</b>	<1	<1	<1
Aluminum	ppm	<b>1</b>	0	2	<1
Chromium	ppm	<b>&lt;1</b>	1	<1	<1
Molybdenum	ppm	<b>2</b>	0	2	2
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>&lt;1</b>	0	0	<1
Manganese	ppm	<b>2</b>	4	3	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0

### ADDITIVES

Calcium	ppm	<b>3937</b>	3667	4006	3896
Magnesium	ppm	<b>18</b>	29	31	37
Zinc	ppm	<b>1542</b>	1441	1523	1507
Phosphorus	ppm	<b>1305</b>	1184	1186	1219
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>152</b>	124	133	126

**Depot:** VOLVO3387  
**Unique No:** 11036059  
**Signed:** Wes Davis  
**Report Date:** 21 May 2024



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## VOLVO GRAPHS

