



# CONSTRUCTION EQUIPMENT

## 703135 364142 VOLVO L90G 3781 - REAR AXLE



**Sample No:** VCP451316  
**Oil Type:** VOLVO WB 102  
**Job No:** 703135



### SAMPLE INFORMATION

Sample Number	<b>VCP451316</b>	VCP432921	VCP425594	VCP364022
Sample Date	<b>25 Apr 2024</b>	08 Dec 2023	09 May 2023	11 Oct 2022
Machine Hours	<b>11272</b>	0	10350	9569
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

TRADEMARK METALS RECYCLING - DAYTONA-HOLLY HILL  
 402 3RD ST  
 HOLLY HILL, FL  
 US 32117  
 Contact: RYAN BOWDEN

### OIL CONDITION

Visc @ 40°C	cSt	<b>45.6</b>	39.3	40.1	40.4
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T: (386)255-1453  
 F: (386)254-2874

### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>16</b>	11	14	15
Sodium	ppm	<b>1</b>	6	7	8
Potassium	ppm	<b>2</b>	0	2	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>47</b>	58	91	69
Copper	ppm	<b>2</b>	5	5	5
Lead	ppm	<b>0</b>	<1	0	<1
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>2</b>	<1	<1	2
Chromium	ppm	<b>&lt;1</b>	<1	1	1
Molybdenum	ppm	<b>3</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>&lt;1</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	1	1
Vanadium	ppm	<b>0</b>	0	0	0

### ADDITIVES

Calcium	ppm	<b>4258</b>	3550	3882	3883
Magnesium	ppm	<b>43</b>	4	14	16
Zinc	ppm	<b>1684</b>	1489	1619	1559
Phosphorus	ppm	<b>1366</b>	1444	1317	1263
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>174</b>	104	129	136

**Depot:** TRADAY  
**Unique No:** 11006767  
**Signed:** Wes Davis  
**Report Date:** 02 May 2024



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## GRAPHS

