



# CONSTRUCTION EQUIPMENT

## W07013692 VOLVO EC250E 314106 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP332248  
**Oil Type:** MOBIL 75W90  
**Job No:** W07013692



### SAMPLE INFORMATION

Sample Number	<b>VCP332248</b>	VCP367904	VCP376356	---
Sample Date	<b>26 Oct 2023</b>	04 Aug 2023	20 Sep 2022	---
Machine Hours	<b>2129</b>	2025	1198	---
Oil Hours	<b>500</b>	0	1198	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	ABNORMAL	ATTENTION	---

**MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND**  
 1345 MOUNTAIN ROAD  
 GLEN ALLEN, VA  
 US 23060  
 Contact: KYLE RATLIFFE  
 KRATLIFFE@MCCLUNG-LOGAN.COM  
 T:  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>53.3</b>	62.9	289	---
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### CONTAMINATION

Silicon	ppm	<b>27</b>	250	8	---
Sodium	ppm	<b>2</b>	4	0	---
Potassium	ppm	<b>2</b>	9	<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. Confirm oil type. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>141</b>	1146	68	---
Copper	ppm	<b>&lt;1</b>	1	<1	---
Lead	ppm	<b>&lt;1</b>	0	0	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>4</b>	52	1	---
Chromium	ppm	<b>18</b>	21	2	---
Molybdenum	ppm	<b>&lt;1</b>	1	<1	---
Nickel	ppm	<b>2</b>	2	0	---
Titanium	ppm	<b>&lt;1</b>	4	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>2</b>	12	1	---
Vanadium	ppm	<b>0</b>	<1	0	---



### ADDITIVES

Calcium	ppm	<b>8</b>	10	4	---
Magnesium	ppm	<b>3</b>	6	0	---
Zinc	ppm	<b>0</b>	16	15	---
Phosphorus	ppm	<b>2508</b>	2397	786	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>315</b>	213	73	---

**Depot:** VOLVO8882  
**Unique No:** 10737590  
**Signed:** Don Baldrige  
**Report Date:** 13 Nov 2023



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## GRAPHS

