



# CONSTRUCTION EQUIPMENT

W07013692 VOLVO EC250E 314106 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP401351  
**Oil Type:** MOBIL 75W90  
**Job No:** W07013692



## SAMPLE INFORMATION

Sample Number	<b>VCP401351</b>	VCP407229	VCP376339	---
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	500	---
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  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>53.2</b>	65.0	304	---
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## CONTAMINATION

Silicon	ppm	<b>26</b>	295	38	---
Sodium	ppm	<b>1</b>	3	<1	---
Potassium	ppm	<b>2</b>	9	2	---

## 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>158</b>	1369	119	---
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>2</b>	44	9	---
Chromium	ppm	<b>13</b>	21	5	---
Molybdenum	ppm	<b>0</b>	2	<1	---
Nickel	ppm	<b>1</b>	2	0	---
Titanium	ppm	<b>&lt;1</b>	5	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>2</b>	13	2	---
Vanadium	ppm	<b>0</b>	<1	0	---



## ADDITIVES

Calcium	ppm	<b>7</b>	10	9	---
Magnesium	ppm	<b>2</b>	5	0	---
Zinc	ppm	<b>0</b>	16	20	---
Phosphorus	ppm	<b>2425</b>	2344	766	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>312</b>	209	87	---

**Depot:** VOLVO8882  
**Unique No:** 10737591  
**Signed:** Don Baldrige  
**Report Date:** 13 Nov 2023



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## GRAPHS

