



# CONSTRUCTION EQUIPMENT

## 2644-1 VOLVO EC250DL 210030 - SWING DRIVE



**Sample No:** VCP408376  
**Oil Type:** VOLVO AXLE  
**Job No:** 2644-1



### SAMPLE INFORMATION

Sample Number	<b>VCP408376</b>	VCP380612	VCP318103	VCP306144
Sample Date	<b>21 Sep 2023</b>	09 Nov 2022	09 Dec 2021	10 Feb 2021
Machine Hours	<b>12928</b>	12040	10972	10082
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### MCCLUNG LOGAN

17941 SUSSEX HIGHWAY  
 BRIDGEVILLE, DE  
 US 19933

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### OIL CONDITION

Visc @ 40°C	cSt	<b>50.2</b>	51.8	51.0	87.0
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### CONTAMINATION

Silicon	ppm	<b>10</b>	3	2	51
Sodium	ppm	<b>2</b>	4	3	3
Potassium	ppm	<b>&lt;1</b>	0	<1	0



### WEAR METALS

Iron	ppm	<b>235</b>	11	13	86
Copper	ppm	<b>26</b>	<1	<1	<1
Lead	ppm	<b>1</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	1	15
Chromium	ppm	<b>2</b>	<1	<1	2
Molybdenum	ppm	<b>&lt;1</b>	<1	0	<1
Nickel	ppm	<b>&lt;1</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	0	1
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>3</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>7</b>	79	341	20
Magnesium	ppm	<b>2</b>	3	<1	3
Zinc	ppm	<b>38</b>	28	236	6
Phosphorus	ppm	<b>2304</b>	2305	2026	1642
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>66</b>	250	246	217

### 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.

**Depot:** VOLVO1023  
**Unique No:** 10662666  
**Signed:** Wes Davis  
**Report Date:** 27 Sep 2023



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## VOLVO GRAPHS

