



# CONSTRUCTION EQUIPMENT

## 529295 STANDARD SAND VOLVO L250H 1232 - REAR AXLE



**Sample No:** VCP443711  
**Oil Type:** VOLVO WB 102  
**Job No:** 529295 STANDARD SAND



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### SAMPLE INFORMATION

Sample Number	<b>VCP443711</b>	VCP356791	---	---
Sample Date	<b>17 Apr 2024</b>	06 Apr 2022	---	---
Machine Hours	<b>11667</b>	8648	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	---	---
Sample Status	<b>ABNORMAL</b>	NORMAL	---	---



### OIL CONDITION

Visc @ 40°C	cSt	<b>37.9</b>	41.9	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>11</b>	8	---	---
Sodium	ppm	<b>3</b>	5	---	---
Potassium	ppm	<b>2</b>	0	---	---



### WEAR METALS

Iron	ppm	<b>23</b>	5	---	---
Copper	ppm	<b>28</b>	3	---	---
Lead	ppm	<b>1</b>	<1	---	---
Tin	ppm	<b>&lt;1</b>	<1	---	---
Aluminum	ppm	<b>2</b>	<1	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>2</b>	2	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>&lt;1</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>1</b>	<1	---	---
Vanadium	ppm	<b>&lt;1</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>2718</b>	3002	---	---
Magnesium	ppm	<b>15</b>	20	---	---
Zinc	ppm	<b>1182</b>	1236	---	---
Phosphorus	ppm	<b>964</b>	979	---	---
Barium	ppm	<b>1</b>	0	---	---
Boron	ppm	<b>108</b>	108	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0093  
**Unique No:** 10983574  
**Signed:** Sean Felton  
**Report Date:** 22 Apr 2024



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## GRAPHS

