



# CONSTRUCTION EQUIPMENT

## 135866 VOLVO EC750E 314194 - RIGHT SWING DRIVE



**Sample No:** VCP434222  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 135866



**LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE**  
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### SAMPLE INFORMATION

Sample Number	<b>VCP434222</b>	VCP434672	VCP430612	VCP410079
Sample Date	<b>19 Mar 2024</b>	29 Dec 2023	02 Oct 2023	07 Aug 2023
Machine Hours	<b>3477</b>	2941	2442	1964
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	SEVERE	NORMAL	NORMAL



### OIL CONDITION

Visc @ 40°C	cSt	<b>131</b>	131	126	129
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### CONTAMINATION

Water	%	<b>NEG</b>	▲ 1.58	NEG	NEG
Silicon	ppm	<b>31</b>	6	2	6
Sodium	ppm	<b>0</b>	1	<1	0
Potassium	ppm	<b>2</b>	0	<1	1



### WEAR METALS

Iron	ppm	<b>104</b>	280	64	218
Copper	ppm	<b>6</b>	10	2	9
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>&lt;1</b>	2	<1	0
Aluminum	ppm	<b>4</b>	1	<1	2
Chromium	ppm	<b>1</b>	3	<1	3
Molybdenum	ppm	<b>14</b>	0	0	<1
Nickel	ppm	<b>&lt;1</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	3	<1	3
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>151</b>	59	37	51
Magnesium	ppm	<b>71</b>	6	2	3
Zinc	ppm	<b>126</b>	110	39	52
Phosphorus	ppm	<b>992</b>	1020	972	961
Barium	ppm	<b>1</b>	0	0	2
Boron	ppm	<b>166</b>	114	193	167

### 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:** LATSCU  
**Unique No:** 10942408  
**Signed:** Wes Davis  
**Report Date:** 26 Mar 2024



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## VOLVO GRAPHS

