



# CONSTRUCTION EQUIPMENT

## 136104 VOLVO EC750E 314191 - RIGHT SWING DRIVE



**Sample No:** VCP434650  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 136104



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

Sample Number	<b>VCP434650</b>	VCP443223	VCP434233	VCP430194
Sample Date	<b>17 Apr 2024</b>	20 Feb 2024	08 Dec 2023	29 Sep 2023
Machine Hours	<b>3963</b>	3520	3036	2487
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



### OIL CONDITION

Visc @ 40°C	cSt	<b>130</b>	134	127	127
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>34</b>	2	2	<1
Sodium	ppm	<b>0</b>	<1	0	<1
Potassium	ppm	<b>0</b>	2	<1	<1



### WEAR METALS

Iron	ppm	<b>127</b>	23	57	20
Copper	ppm	<b>3</b>	2	5	2
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>3</b>	<1	1	<1
Chromium	ppm	<b>1</b>	0	<1	<1
Molybdenum	ppm	<b>10</b>	13	0	0
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	0	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>158</b>	146	45	41
Magnesium	ppm	<b>50</b>	51	1	2
Zinc	ppm	<b>81</b>	93	22	29
Phosphorus	ppm	<b>799</b>	881	1038	982
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>188</b>	189	201	201

### 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:** 10991813  
**Signed:** Wes Davis  
**Report Date:** 23 Apr 2024



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## VOLVO GRAPHS

