



# CONSTRUCTION EQUIPMENT

## 133989 VOLVO EC750E 314194 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP410098  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 133989



### SAMPLE INFORMATION

Sample Number	<b>VCP410098</b>	VCP418737	VCP408813	VCP409557
Sample Date	<b>07 Aug 2023</b>	20 Jun 2023	01 May 2023	06 Mar 2023
Machine Hours	<b>1964</b>	1488	1014	522
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE  
 14242 S SH-34  
 SCURRY, TX  
 US 75158  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>132</b>	132	138	174
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### CONTAMINATION

Silicon	ppm	<b>64</b>	42	58	43
Sodium	ppm	<b>0</b>	<1	1	0
Potassium	ppm	<b>4</b>	3	2	4



### WEAR METALS

Iron	ppm	<b>183</b>	105	146	207
Copper	ppm	<b>&lt;1</b>	0	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>18</b>	12	17	10
Chromium	ppm	<b>2</b>	1	2	4
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	2	2	4
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>85</b>	63	78	30
Magnesium	ppm	<b>4</b>	4	4	2
Zinc	ppm	<b>38</b>	21	38	8
Phosphorus	ppm	<b>956</b>	989	862	302
Barium	ppm	<b>3</b>	0	0	5
Boron	ppm	<b>181</b>	200	144	<1

### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.  
 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:** 10603741  
**Signed:** Wes Davis  
**Report Date:** 15 Aug 2023



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## VOLVO GRAPHS

