



# CONSTRUCTION EQUIPMENT

## 136104 VOLVO EC750E 314191 - REAR LEFT FINAL DRIVE



**Sample No:** VCP434656  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 136104



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

Sample Number	<b>VCP434656</b>	VCP443218	VCP434237	VCP430306
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>	SEVERE	SEVERE	ABNORMAL



### OIL CONDITION

Visc @ 40°C	cSt	<b>130</b>	134	132	128
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### CONTAMINATION

Water	%	<b>NEG</b>	0.140	0.068	NEG
Silicon	ppm	<b>4</b>	990	613	114
Sodium	ppm	<b>0</b>	4	0	1
Potassium	ppm	<b>0</b>	23	18	4



### WEAR METALS

Iron	ppm	<b>72</b>	2261	1568	578
Copper	ppm	<b>2</b>	4	2	1
Lead	ppm	<b>0</b>	1	0	0
Tin	ppm	<b>0</b>	<1	0	<1
Aluminum	ppm	<b>0</b>	102	77	21
Chromium	ppm	<b>&lt;1</b>	15	11	4
Molybdenum	ppm	<b>10</b>	12	1	0
Nickel	ppm	<b>0</b>	4	3	<1
Titanium	ppm	<b>&lt;1</b>	6	4	1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	16	13	5
Vanadium	ppm	<b>&lt;1</b>	<1	0	<1



### ADDITIVES

Calcium	ppm	<b>187</b>	285	146	62
Magnesium	ppm	<b>49</b>	64	10	6
Zinc	ppm	<b>89</b>	75	26	23
Phosphorus	ppm	<b>797</b>	901	1032	988
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>187</b>	160	172	173

### 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:** 10991811  
**Signed:** Wes Davis  
**Report Date:** 23 Apr 2024



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## GRAPHS

