



# CONSTRUCTION EQUIPMENT

## 135866 VOLVO EC750E 314194 - LEFT SWING DRIVE



**Sample No:** VCP443075  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 135866



### SAMPLE INFORMATION

Sample Number	<b>VCP443075</b>	VCP434642	VCP433927	VCP423794
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>	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>131</b>	128	125	130
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>10</b>	4	1	4
Sodium	ppm	<b>0</b>	1	<1	0
Potassium	ppm	<b>1</b>	0	<1	<1

### 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.



### WEAR METALS

Iron	ppm	<b>47</b>	119	19	76
Copper	ppm	<b>2</b>	4	1	4
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>3</b>	0	<1	<1
Chromium	ppm	<b>&lt;1</b>	1	0	<1
Molybdenum	ppm	<b>15</b>	0	0	<1
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>178</b>	38	38	60
Magnesium	ppm	<b>57</b>	2	2	2
Zinc	ppm	<b>114</b>	44	34	45
Phosphorus	ppm	<b>997</b>	995	976	959
Barium	ppm	<b>1</b>	0	0	2
Boron	ppm	<b>237</b>	148	201	194

**Depot:** LATSCU  
**Unique No:** 10942409  
**Signed:** Wes Davis  
**Report Date:** 26 Mar 2024



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## VOLVO GRAPHS

