



# CONSTRUCTION EQUIPMENT

## 135200 VOLVO EC750E 314194 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP434676  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 135200



### SAMPLE INFORMATION

Sample Number	<b>VCP434676</b>	VCP430304	VCP410098	VCP418737
Sample Date	<b>29 Dec 2023</b>	02 Oct 2023	07 Aug 2023	20 Jun 2023
Machine Hours	<b>2941</b>	2442	1964	1488
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE  
 14242 S SH-34  
 SCURRY, TX  
 US 75158  
 Contact: WALLACE WARREN  
 wallace.warren@lafargeholcim.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>128</b>	129	132	132
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>▲ 109</b>	27	64	42
Sodium	ppm	<b>2</b>	<1	0	<1
Potassium	ppm	<b>3</b>	2	4	3

### Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>225</b>	72	183	105
Copper	ppm	<b>&lt;1</b>	0	<1	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>▲ 23</b>	7	18	12
Chromium	ppm	<b>2</b>	<1	2	1
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>&lt;1</b>	0	<1	<1
Titanium	ppm	<b>1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	1	2	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>62</b>	46	85	63
Magnesium	ppm	<b>4</b>	4	4	4
Zinc	ppm	<b>22</b>	19	38	21
Phosphorus	ppm	<b>989</b>	961	956	989
Barium	ppm	<b>0</b>	0	3	0
Boron	ppm	<b>149</b>	199	181	200

**Depot:** LATSCU  
**Unique No:** 10821565  
**Signed:** Sean Felton  
**Report Date:** 10 Jan 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

