



# CONSTRUCTION EQUIPMENT

## 135630 VOLVO EC750E 314191 - LEFT SWING DRIVE



**Sample No:** VCP443220  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 135630



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

Sample Number	VCP443220	VCP431189	VCP430779	VCP416019
Sample Date	20 Feb 2024	08 Dec 2023	29 Sep 2023	08 Aug 2023
Machine Hours	3520	3036	2487	2037
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



### OIL CONDITION

Visc @ 40°C	cSt	134	131	126	128



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	8	6	3
Sodium	ppm	<1	0	<1	1
Potassium	ppm	2	<1	<1	<1



### WEAR METALS

Iron	ppm	40	70	35	89
Copper	ppm	1	2	1	4
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	1	1	<1	1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	13	0	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	1
Vanadium	ppm	0	0	0	0



### ADDITIVES

Calcium	ppm	151	47	41	70
Magnesium	ppm	59	1	3	2
Zinc	ppm	92	25	32	46
Phosphorus	ppm	881	1020	982	954
Barium	ppm	0	0	0	0
Boron	ppm	191	196	200	163

### 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:** 10898624  
**Signed:** Jonathan Hester  
**Report Date:** 28 Feb 2024



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## GRAPHS

