



# CONSTRUCTION EQUIPMENT

## VOLVO EC480EL 3 1498 1 - LEFT SWING DRIVE



**Sample No:** VCP442371  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP442371</b>	VCP432033	VCP433869	VCP369465
Sample Date	<b>15 Apr 2024</b>	07 Feb 2024	23 Oct 2023	07 Aug 2023
Machine Hours	<b>3400</b>	2922	2416	1929
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>136</b>	134	134	137
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	7	6	12
Sodium	ppm	<b>&lt;1</b>	0	2	0
Potassium	ppm	<b>0</b>	<1	0	1



### WEAR METALS

Iron	ppm	<b>262</b>	52	40	84
Copper	ppm	<b>8</b>	7	6	14
Lead	ppm	<b>0</b>	<1	0	<1
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>0</b>	1	<1	<1
Chromium	ppm	<b>3</b>	1	<1	1
Molybdenum	ppm	<b>2</b>	3	<1	2
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>3</b>	1	<1	1
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>51</b>	36	48	22
Magnesium	ppm	<b>19</b>	20	32	17
Zinc	ppm	<b>73</b>	76	71	70
Phosphorus	ppm	<b>984</b>	931	899	782
Barium	ppm	<b>0</b>	0	0	3
Boron	ppm	<b>71</b>	53	52	29

### 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:** SAIBIR  
**Unique No:** 11004049  
**Signed:** Jonathan Hester  
**Report Date:** 01 May 2024



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## VOLVO GRAPHS

