



# CONSTRUCTION EQUIPMENT

SW0072947 VOLVO EC480EL 315428 - RIGHT SWING DRIVE



**Sample No:** VCP443960  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** SWO072947



## SAMPLE INFORMATION

Sample Number	VCP443960	VCP447583	---	---
Sample Date	21 Jun 2024	19 Dec 2023	---	---
Machine Hours	1013	482	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

### SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD  
BIRMINGHAM, AL  
US 35207

Contact: STEPHANI BRITTON  
sbritton@saiia.com;doug.bogart@wearcheck.com  
T: (205)943-2268  
F: (205)943-2269



## OIL CONDITION

Visc @ 40°C	cSt	█ 248	█ 173	---	---
-------------	-----	-------	-------	-----	-----



## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 9	█ 23	---	---
Sodium	ppm	█ 0	█ <1	---	---
Potassium	ppm	█ 0	█ 0	---	---

## 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	█ 62	█ 290	---	---
Copper	ppm	█ 11	█ 56	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ 3	---	---
Chromium	ppm	█ <1	█ 4	---	---
Molybdenum	ppm	█ 8	0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	6	---	---
Vanadium	ppm	0	<1	---	---



## ADDITIVES

Calcium	ppm	█ 129	13	---	---
Magnesium	ppm	43	0	---	---
Zinc	ppm	█ 133	36	---	---
Phosphorus	ppm	█ 801	321	---	---
Barium	ppm	█ 0	2	---	---
Boron	ppm	█ 104	0	---	---

**Depot:** SAIBIR  
**Unique No:** 11099791  
**Signed:** Angela Borella  
**Report Date:** 28 Jun 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

