



# CONSTRUCTION EQUIPMENT

SPM580082 VOLVO EC480EL 315144 - RIGHT SWING DRIVE



**Sample No:** VCP420668  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM580082



## SAMPLE INFORMATION

Sample Number	VCP420668	---	---	---
Sample Date	18 Jul 2023	---	---	---
Machine Hours	436	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

## SIMS METAL MANAGEMENT

2500 S. PAULINA  
CHICAGO, IL  
US 60608  
Contact: RYAN WISE  
ryan.wise@simsmm.com  
T:  
F:



## OIL CONDITION

Visc @ 40°C	cSt	█ 157	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

## 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	█ 11	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 17	---	---	---
Phosphorus	ppm	█ 243	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

**Depot:** SIMCHIL  
**Unique No:** 10586811  
**Signed:** Wes Davis  
**Report Date:** 04 Aug 2023



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## GRAPHS

