



# CONSTRUCTION EQUIPMENT

## 327210 VOLVO EC480E 314662 - RIGHT SWING DRIVE



**Sample No:** VCP274355  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 327210



### SAMPLE INFORMATION

Sample Number	VCP274355	---	---	---
Sample Date	08 Jun 2022	---	---	---
Machine Hours	1272	---	---	---
Oil Hours	1272	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW  
 Acheson, AB  
 CA T7X 6C2

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### OIL CONDITION

Visc @ 40°C	cSt	█ 170	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---



### WEAR METALS

Iron	ppm	█ 37	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	2	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 12	---	---	---
Phosphorus	ppm	284	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	1	---	---	---

### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO3908  
**Unique No:** 5421781  
**Signed:** Kevin Marson  
**Report Date:** 24 Jun 2022



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## GRAPHS

