



# CONSTRUCTION EQUIPMENT

580049 RYAN GOLF VOLVO EC480EL 314822 - LEFT SWING DRIVE



**Sample No:** VCP425813  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 580049 RYAN GOLF



## SAMPLE INFORMATION

Sample Number	<b>VCP425813</b>	VCP332976	---	---
Sample Date	<b>17 Jul 2023</b>	05 Nov 2022	---	---
Machine Hours	<b>2382</b>	1035	---	---
Oil Hours	<b>1000</b>	0	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
 8418 PALM RIVER ROAD  
 TAMPA, FL  
 US 33619  
 Contact: JOHN FARDELLA  
 JFARDELLA@ALTAEQUIPFL.COM  
 T: (813)630-0077  
 F: (813)630-2233



## OIL CONDITION

Visc @ 40°C	cSt	<b>246</b>	139	---	---
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## CONTAMINATION

Silicon	ppm	<b>12</b>	25	---	---
Sodium	ppm	<b>&lt;1</b>	1	---	---
Potassium	ppm	<b>0</b>	0	---	---



## WEAR METALS

Iron	ppm	<b>65</b>	97	---	---
Copper	ppm	<b>15</b>	22	---	---
Lead	ppm	<b>0</b>	<1	---	---
Tin	ppm	<b>0</b>	<1	---	---
Aluminum	ppm	<b>1</b>	2	---	---
Chromium	ppm	<b>1</b>	2	---	---
Molybdenum	ppm	<b>5</b>	<1	---	---
Nickel	ppm	<b>0</b>	0	---	---
Titanium	ppm	<b>&lt;1</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>2</b>	3	---	---
Vanadium	ppm	<b>&lt;1</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>173</b>	5	---	---
Magnesium	ppm	<b>27</b>	<1	---	---
Zinc	ppm	<b>103</b>	25	---	---
Phosphorus	ppm	<b>886</b>	331	---	---
Barium	ppm	<b>0</b>	5	---	---
Boron	ppm	<b>157</b>	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.

**Depot:** VOLVO0093  
**Unique No:** 10572460  
**Signed:** Wes Davis  
**Report Date:** 25 Jul 2023



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## GRAPHS

