



# CONSTRUCTION EQUIPMENT

SPM594830 SEMINOLE C VOLVO EC350E 314333 - SWING DRIVE



**Sample No:** VCP415615  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SPM594830 SEMINOLE C



## SAMPLE INFORMATION

Sample Number	<b>VCP415615</b>	VCP369892	VCP363866	---
Sample Date	<b>21 Aug 2023</b>	13 Dec 2022	29 Aug 2022	---
Machine Hours	<b>2047</b>	1042	630	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>254</b>	257	136	---
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## CONTAMINATION

Silicon	ppm	<b>6</b>	2	9	---
Sodium	ppm	<b>1</b>	<1	<1	---
Potassium	ppm	<b>0</b>	0	1	---

## 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	<b>232</b>	66	302	---
Copper	ppm	<b>13</b>	5	25	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>&lt;1</b>	<1	2	---
Chromium	ppm	<b>3</b>	<1	4	---
Molybdenum	ppm	<b>8</b>	8	<1	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>3</b>	<1	5	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>114</b>	131	5	---
Magnesium	ppm	<b>34</b>	40	<1	---
Zinc	ppm	<b>98</b>	91	24	---
Phosphorus	ppm	<b>1059</b>	942	285	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>178</b>	167	<1	---

**Depot:** VOLVO0093  
**Unique No:** 10621726  
**Signed:** Wes Davis  
**Report Date:** 29 Aug 2023



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## GRAPHS

