



# CONSTRUCTION EQUIPMENT

## SW-26674-2 GRANT VOLVO EC480E 3 14608 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP434548  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SW-26674-2 GRANT



### SAMPLE INFORMATION

Sample Number	<b>VCP434548</b>	VCP404023	VCP387865	---
Sample Date	<b>20 Nov 2023</b>	10 Feb 2023	24 Oct 2022	---
Machine Hours	<b>4022</b>	2501	2062	---
Oil Hours	<b>2000</b>	440	0	---
Oil Changed	<b>Changed</b>	Not Changd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>166</b>	167	184	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>15</b>	8	18	---
Sodium	ppm	<b>2</b>	<1	2	---
Potassium	ppm	<b>0</b>	<1	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	<b>674</b>	345	716	---
Copper	ppm	<b>1</b>	<1	1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	<1	---
Aluminum	ppm	<b>1</b>	0	2	---
Chromium	ppm	<b>4</b>	3	7	---
Molybdenum	ppm	<b>52</b>	51	<1	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>5</b>	3	8	---
Vanadium	ppm	<b>&lt;1</b>	0	1	---



### ADDITIVES

Calcium	ppm	<b>26</b>	21	0	---
Magnesium	ppm	<b>&lt;1</b>	2	0	---
Zinc	ppm	<b>33</b>	30	0	---
Phosphorus	ppm	<b>765</b>	644	215	---
Barium	ppm	<b>&lt;1</b>	<1	0	---
Boron	ppm	<b>73</b>	102	0	---

**Depot:** VOLVO8770  
**Unique No:** 10763006  
**Signed:** Wes Davis  
**Report Date:** 28 Nov 2023



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## GRAPHS

