



# CONSTRUCTION EQUIPMENT

661680 ALTA RENTS VOLVO EC480E 315141 - LEFT SWING DRIVE



**Sample No:** VCP436810  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 661680 ALTA RENTS



**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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## SAMPLE INFORMATION

Sample Number	<b>VCP436810</b>	VCP440723	VCP412212	---
Sample Date	<b>27 Jan 2024</b>	23 Dec 2023	16 Aug 2023	---
Machine Hours	<b>2449</b>	2130	1133	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---



## OIL CONDITION

Visc @ 40°C	cSt	<b>162</b>	291	173	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>4</b>	10	32	---
Sodium	ppm	<b>0</b>	0	<1	---
Potassium	ppm	<b>&lt;1</b>	0	<1	---



## WEAR METALS

Iron	ppm	<b>34</b>	65	146	---
Copper	ppm	<b>3</b>	8	22	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>2</b>	1	3	---
Chromium	ppm	<b>&lt;1</b>	<1	3	---
Molybdenum	ppm	<b>&lt;1</b>	1	0	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	<1	4	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>20</b>	89	8	---
Magnesium	ppm	<b>5</b>	18	<1	---
Zinc	ppm	<b>10</b>	46	16	---
Phosphorus	ppm	<b>1005</b>	914	342	---
Barium	ppm	<b>&lt;1</b>	0	2	---
Boron	ppm	<b>191</b>	162	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:** VOLVO0096  
**Unique No:** 10858203  
**Signed:** Sean Felton  
**Report Date:** 01 Feb 2024



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## GRAPHS

