



# CONSTRUCTION EQUIPMENT

1722 RENTALS VOLVO EC480E 315143 - RIGHT SWING DRIVE



**Sample No:** VCP437656  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 1722 RENTALS



**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
 9601 BOGGY CREEK RD  
 ORLANDO, FL  
 US 32824  
 Contact: Robert LaPlante  
 robert.laplante@altg.com  
 T: (407)508-9736  
 F: (407)659-8720



## SAMPLE INFORMATION

Sample Number	VCP437656	VCP430795	VCP413302	VCP411693
Sample Date	29 Jan 2024	31 Oct 2023	15 Aug 2023	07 Jun 2023
Machine Hours	2300	0	1031	587
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



## OIL CONDITION

Visc @ 40°C	cSt	283	282	165	164
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	12	38	29
Sodium	ppm	<1	0	<1	0
Potassium	ppm	<1	0	<1	<1



## WEAR METALS

Iron	ppm	239	51	126	92
Copper	ppm	9	4	10	10
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	1	0	3	<1
Chromium	ppm	3	0	2	1
Molybdenum	ppm	2	<1	0	0
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	<1	2	2
Vanadium	ppm	<1	0	0	0



## ADDITIVES

Calcium	ppm	41	63	9	22
Magnesium	ppm	15	15	<1	<1
Zinc	ppm	52	44	5	17
Phosphorus	ppm	942	798	338	300
Barium	ppm	0	0	2	6
Boron	ppm	82	174	0	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:** 10862324  
**Signed:** Wes Davis  
**Report Date:** 06 Feb 2024



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## GRAPHS

