



# CONSTRUCTION EQUIPMENT

13298 GEORGE NIECE VOLVO EC480E 315171 - REAR LEFT FINAL DRIVE



**Sample No:** VCP415467  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 13298 GEORGE NIECE



**McClung-Logan Virginia LLC- RICHMOND**  
 1345 MOUNTAIN ROAD  
 GLEN ALLEN, VA  
 US 23060  
 Contact: KYLE RATLIFFE  
 KRATLIFFE@MCCLUNG-LOGAN.COM  
 T:  
 F: (804)266-1611



## SAMPLE INFORMATION

Sample Number	VCP415467	---	---	---
Sample Date	21 Aug 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	153	---	---	---
-------------	-----	-----	-----	-----	-----



## CONTAMINATION

Silicon	ppm	11	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	0	---	---	---



## WEAR METALS

Iron	ppm	294	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	14	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	9	---	---	---
Phosphorus	ppm	331	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	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:** VOLVO8882  
**Unique No:** 10618278  
**Signed:** Sean Felton  
**Report Date:** 25 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

