



# CONSTRUCTION EQUIPMENT

689592 ALL COUNTY VOLVO EC 140 314542 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP438378  
**Oil Type:** {unknown}  
**Job No:** 689592 ALL COUNTY



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

Sample Number	VCP438378	---	---	---
Sample Date	29 Mar 2024	---	---	---
Machine Hours	3767	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	■ 272	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---



## WEAR METALS

Iron	ppm	▲ 567	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	▲ 25	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	■ 0	---	---	---



## ADDITIVES

Calcium	ppm	65	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	57	---	---	---
Phosphorus	ppm	1040	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	129	---	---	---

## Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. 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:** 10969491  
**Signed:** Don Baldrige  
**Report Date:** 13 Apr 2024



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## GRAPHS

