



# CONSTRUCTION EQUIPMENT

## W07013189-2 VOLVO EC250E 3 10555 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP409405  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** W07013189-2



### SAMPLE INFORMATION

Sample Number	VCP409405	---	---	---
Sample Date	09 Aug 2023	---	---	---
Machine Hours	1841	---	---	---
Oil Hours	1841	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**McClung-Logan Virginia LLC- RICHMOND**  
 1345 MOUNTAIN ROAD  
 GLEN ALLEN, VA  
 US 23060  
 Contact: KYLE RATLIFFE  
 KRATLIFFE@MCCLUNG-LOGAN.COM  
 T:  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 157	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 65	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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	█ 556	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ 9	---	---	---
Molybdenum	ppm	█ 19	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	█ <1	---	---	---



### ADDITIVES

Calcium	ppm	█ 671	---	---	---
Magnesium	ppm	█ 219	---	---	---
Zinc	ppm	█ 413	---	---	---
Phosphorus	ppm	█ 860	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 86	---	---	---

**Depot:** VOLVO8882  
**Unique No:** 10602885  
**Signed:** Don Baldrige  
**Report Date:** 15 Aug 2023



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## VOLVO GRAPHS

