



# CONSTRUCTION EQUIPMENT

2126 VOLVO EC220E 315732 - SWING DRIVE



**Sample No:** VCP438505  
**Oil Type:** MOBIL 75W90  
**Job No:** 2126



## SAMPLE INFORMATION

Sample Number	VCP438505	---	---	---
Sample Date	24 Apr 2024	---	---	---
Machine Hours	483	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
 8594 FRUITRIDGE ROAD  
 SACRAMENTO, CA  
 US 95826  
 Contact: RAY KRANZUSCH  
 ray.kranzusch@vcesvolvo.com  
 T:  
 F:



## OIL CONDITION

Visc @ 40°C	cSt	█ 173	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 67	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	10	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	█ 5	---	---	---
Phosphorus	ppm	379	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	0	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO4485  
**Unique No:** 11009512  
**Signed:** Don Baldrige  
**Report Date:** 07 May 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

