



# CONSTRUCTION EQUIPMENT

## 11335 VOLVO EC220D 210516 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP430936  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 11335



### SAMPLE INFORMATION

Sample Number	VCP430936	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	18596	---	---	---
Oil Hours	18596	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

### WASTE MANAGEMENT

5245 BLEIGH AVE  
 PHILADELPHIA, PA  
 US 19136  
 Contact: JERRY SAUTER  
 gsauterj@wm.com  
 T: (610)636-4994  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	█ 297	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

### 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.



### WEAR METALS

Iron	ppm	█ 45	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



### ADDITIVES

Calcium	ppm	█ 42	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 993	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 185	---	---	---

**Depot:** WASPHI  
**Unique No:** 10712200  
**Signed:** Wes Davis  
**Report Date:** 26 Oct 2023

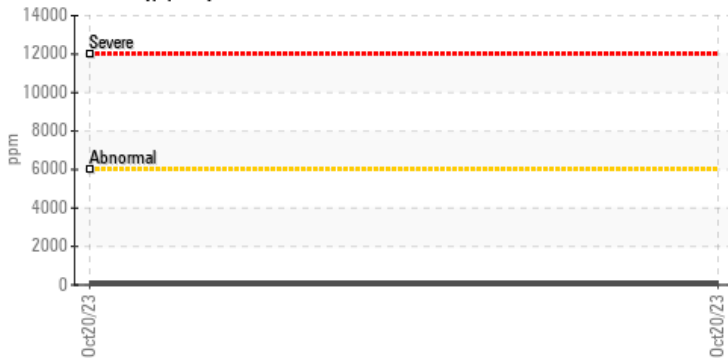


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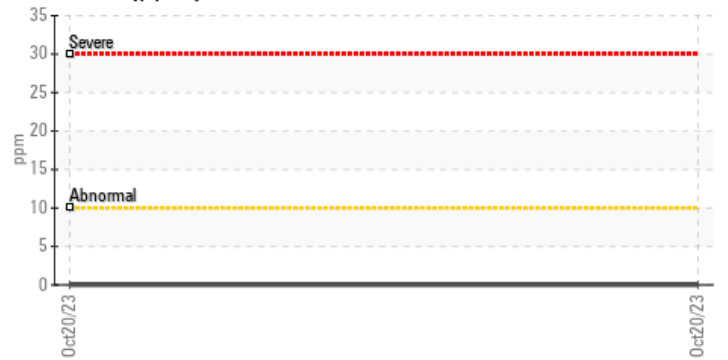


## GRAPHS

### Iron (ppm)



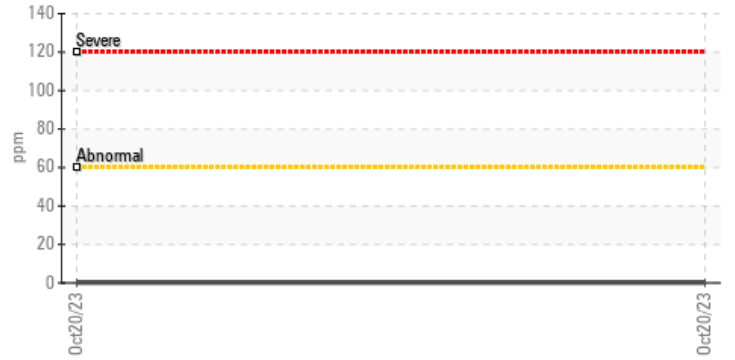
### Lead (ppm)



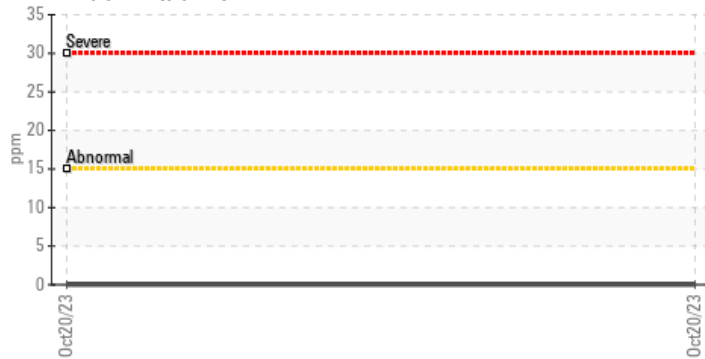
### Aluminum (ppm)



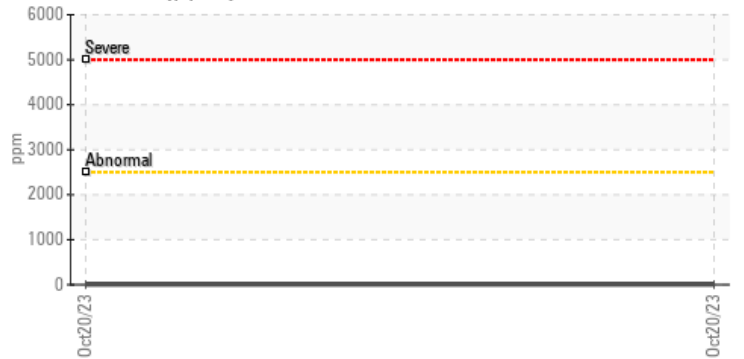
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

