



# CONSTRUCTION EQUIPMENT

## 20790 VOLVO ECR88 217893 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP413700  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 20790



### SAMPLE INFORMATION

Sample Number	VCP413700	---	---	---
Sample Date	12 Sep 2023	---	---	---
Machine Hours	588	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

520 - ASCENDUM MACHINERY INC - KNOXVILLE  
 5730 RUTLEDGE PIKE  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 170	---	---	---
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	█ 186	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 9	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 19	---	---	---
Phosphorus	ppm	█ 322	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLV00124  
**Unique No:** 10649004  
**Signed:** Sean Felton  
**Report Date:** 19 Sep 2023



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## GRAPHS

