



# CONSTRUCTION EQUIPMENT

20655 VOLVO ECR235E 314930 - SWING DRIVE



**Sample No:** VCP420950  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 20655



## SAMPLE INFORMATION

Sample Number	VCP420950	---	---	---
Sample Date	14 Jul 2023	---	---	---
Machine Hours	779	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

### L & L CONTRACTING

313 NICELY TR  
 POWELL, TN  
 US 37849  
 Contact: BRANDON ISABELL  
 lduncan1900@gmail.com  
 T: (423)437-1927  
 F:



## OIL CONDITION

Visc @ 40°C	cSt	▲ 322	---	---	---
-------------	-----	-------	-----	-----	-----



## CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	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. The oil viscosity is higher than normal. Confirm oil type.



## WEAR METALS

Iron	ppm	■ 65	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 40	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 39	---	---	---
Phosphorus	ppm	■ 986	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 103	---	---	---

**Depot:** LLCPOW  
**Unique No:** 10575855  
**Signed:** Don Baldrige  
**Report Date:** 30 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

