



# CONSTRUCTION EQUIPMENT

## X11025 VEOLIA VOLVO EC220EL 31113 - REAR LEFT FINAL DRIVE



**Sample No:** VCP431878  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** X11025 VEOLIA



**SCOTT EQUIPMENT COMPANY LLC - Texarkana**  
 5401 SANDERSON LANE  
 TEXARKANA, AR  
 US 71854  
 Contact: JAMES DOSS  
 jdoss@scottcompanies.com  
 T:  
 F:

### SAMPLE INFORMATION

Sample Number	VCP431878	---	---	---
Sample Date	04 Jan 2024	---	---	---
Machine Hours	7916	---	---	---
Oil Hours	7916	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 177	---	---	---
-------------	-----	-------	-----	-----	-----

### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

### WEAR METALS

Iron	ppm	▲ 534	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 9	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 12	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 28	---	---	---
Phosphorus	ppm	█ 464	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	0	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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.

**Depot:** VOLVO1034  
**Unique No:** 10829791  
**Signed:** Don Baldrige  
**Report Date:** 14 Jan 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

