



# CONSTRUCTION EQUIPMENT

## VOLVO EC480EL 311334 - REAR LEFT FINAL DRIVE



**Sample No:** VCP383178  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP383178	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	5780	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**LEONARDS CONTRACTING**  
 30850 STEPHENSON HWY  
 MADISON HEIGHTS, MI  
 US 48071  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 144	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 178	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 10	---	---	---

### 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	█ 738	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 27	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	█ 0	---	---	---



### ADDITIVES

Calcium	ppm	█ 53	---	---	---
Magnesium	ppm	█ 16	---	---	---
Zinc	ppm	█ 15	---	---	---
Phosphorus	ppm	█ 746	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 39	---	---	---

**Depot:** LEOMAD  
**Unique No:** 10725313  
**Signed:** Sean Felton  
**Report Date:** 03 Nov 2023



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## VOLVO GRAPHS

