



# CONSTRUCTION EQUIPMENT

TRIPLE M 373002 VOLVO EC480E 315055 - RIGHT SWING DRIVE



**Sample No:** VCP394927  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 373002



## SAMPLE INFORMATION

Sample Number	VCP394927	---	---	---
Sample Date	21 Jul 2023	---	---	---
Machine Hours	664	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.  
 Burlington, ON  
 CA L7L 4Y1  
 Contact: Sue Hooton  
 shooton@strongco.com  
 T: (905)331-3835  
 F: (905)643-6077



## OIL CONDITION

Visc @ 40°C	cSt	█ 162	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 41	---	---	---
Copper	ppm	█ 20	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 35	---	---	---
Phosphorus	ppm	295	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	<1	---	---	---

### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0252  
**Unique No:** 5619355  
**Signed:** Kevin Marson  
**Report Date:** 08 Aug 2023



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## GRAPHS

