



# CONSTRUCTION EQUIPMENT

## 386577 VOLVO EC300E 312753 - REAR LEFT FINAL DRIVE



**Sample No:** VCP394116  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 386577



**Strongco Equipment**  
 5179 Fountain St N.  
 Breslau, ON  
 CA N0B 1M0  
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### SAMPLE INFORMATION

Sample Number	<b>VCP394116</b>	VCP273624	VCP242513	---
Sample Date	<b>02 Dec 2023</b>	01 Nov 2020	01 Sep 2019	---
Machine Hours	<b>9900</b>	4000	2200	---
Oil Hours	<b>2000</b>	0	1000	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---



### OIL CONDITION

Visc @ 40°C	cSt	<b>139</b>	124	149	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>11</b>	8	7	---
Sodium	ppm	<b>3</b>	2	<1	---
Potassium	ppm	<b>1</b>	2	3	---



### WEAR METALS

Iron	ppm	<b>75</b>	51	86	---
Copper	ppm	<b>&lt;1</b>	<1	<1	---
Lead	ppm	<b>&lt;1</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>2</b>	1	1	---
Chromium	ppm	<b>4</b>	3	3	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>&lt;1</b>	<1	<1	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>&lt;1</b>	<1	<1	---
Manganese	ppm	<b>&lt;1</b>	<1	2	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>50</b>	356	23	---
Magnesium	ppm	<b>5</b>	3	2	---
Zinc	ppm	<b>14</b>	169	12	---
Phosphorus	ppm	<b>1014</b>	974	888	---
Barium	ppm	<b>&lt;1</b>	<1	<1	---
Boron	ppm	<b>176</b>	141	119	---

### 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.

**Depot:** CASKIT  
**Unique No:** 5696016  
**Signed:** Wes Davis  
**Report Date:** 13 Dec 2023



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## GRAPHS

