



# CONSTRUCTION EQUIPMENT

## W125703 VOLVO EC380E 311723 - REAR LEFT FINAL DRIVE



**Sample No:** VCP303190  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** W125703



### SAMPLE INFORMATION

Sample Number	<b>VCP303190</b>	VCP275567	---	---
Sample Date	<b>13 May 2021</b>	26 Mar 2020	---	---
Machine Hours	<b>2298</b>	522	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>N/A</b>	Not Changd	---	---
Sample Status	<b>NORMAL</b>	ABNORMAL	---	---

### ALTA EQUIPMENT

5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
 Contact: JIM STRIGLE  
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 T: (315)437-2611  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>232</b>	182	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>44</b>	103	---	---
Sodium	ppm	<b>3</b>	7	---	---
Potassium	ppm	<b>4</b>	17	---	---

### Diagnosis

No corrective action is recommended at this time. 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	<b>143</b>	159	---	---
Copper	ppm	<b>&lt;1</b>	<1	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>&lt;1</b>	0	---	---
Aluminum	ppm	<b>12</b>	27	---	---
Chromium	ppm	<b>2</b>	3	---	---
Molybdenum	ppm	<b>4</b>	0	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>&lt;1</b>	2	---	---
Silver	ppm	<b>&lt;1</b>	0	---	---
Manganese	ppm	<b>1</b>	3	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>90</b>	72	---	---
Magnesium	ppm	<b>34</b>	11	---	---
Zinc	ppm	<b>67</b>	15	---	---
Phosphorus	ppm	<b>759</b>	420	---	---
Barium	ppm	<b>0</b>	2	---	---
Boron	ppm	<b>139</b>	<1	---	---

**Depot:** VOLV00142  
**Unique No:** 9516141  
**Signed:** Doug Bogart  
**Report Date:** 25 May 2021



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## GRAPHS

