



# CONSTRUCTION EQUIPMENT

## 25416 VOLVO ECR88D 217512 - REAR LEFT FINAL DRIVE



**Sample No:** VCP454349  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 25416



### SAMPLE INFORMATION

Sample Number	<b>VCP454349</b>	VCP383510	---	---
Sample Date	<b>18 Apr 2024</b>	11 Oct 2022	---	---
Machine Hours	<b>1979</b>	620	---	---
Oil Hours	<b>500</b>	250	---	---
Oil Changed	<b>Not Chngd</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	ATTENTION	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	<span style="color: green;">■</span> <b>63.1</b>	<span style="color: orange;">●</span> 155	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<span style="color: green;">■</span> <b>18</b>	<span style="color: green;">■</span> 5	---	---
Sodium	ppm	<span style="color: green;">■</span> <b>1</b>	<span style="color: green;">■</span> 1	---	---
Potassium	ppm	<span style="color: green;">■</span> <b>2</b>	<span style="color: green;">■</span> 4	---	---

### 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	<span style="color: green;">■</span> <b>313</b>	<span style="color: green;">■</span> 402	---	---
Copper	ppm	<span style="color: green;">■</span> <b>2</b>	<span style="color: green;">■</span> <1	---	---
Lead	ppm	<span style="color: green;">■</span> <b>&lt;1</b>	<span style="color: green;">■</span> <1	---	---
Tin	ppm	<span style="color: green;">■</span> <b>&lt;1</b>	<span style="color: green;">■</span> 0	---	---
Aluminum	ppm	<span style="color: green;">■</span> <b>2</b>	<span style="color: green;">■</span> 3	---	---
Chromium	ppm	<span style="color: green;">■</span> <b>8</b>	<span style="color: green;">■</span> 7	---	---
Molybdenum	ppm	<span style="color: green;">■</span> <b>3</b>	1	---	---
Nickel	ppm	<span style="color: green;">■</span> <b>1</b>	0	---	---
Titanium	ppm	<b>&lt;1</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<span style="color: green;">■</span> <b>3</b>	4	---	---
Vanadium	ppm	<b>0</b>	<1	---	---



### ADDITIVES

Calcium	ppm	<span style="color: green;">■</span> <b>100</b>	44	---	---
Magnesium	ppm	<span style="color: green;">■</span> <b>11</b>	2	---	---
Zinc	ppm	<span style="color: green;">■</span> <b>134</b>	54	---	---
Phosphorus	ppm	<span style="color: green;">■</span> <b>1616</b>	313	---	---
Barium	ppm	<span style="color: green;">■</span> <b>1</b>	6	---	---
Boron	ppm	<span style="color: green;">■</span> <b>74</b>	1	---	---

**Depot:** OLTNOR  
**Unique No:** 10993499  
**Signed:** Don Baldrige  
**Report Date:** 25 Apr 2024



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## GRAPHS

