



# CONSTRUCTION EQUIPMENT

10176 SPINELLO VOLVO ECR88D 217540 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP435519  
**Oil Type:** CHEVRON DELO GEAR ESI OIL 85W140  
**Job No:** 10176 SPINELLO



## SAMPLE INFORMATION

Sample Number	<b>VCP435519</b>	VCP423090	VCP371003	---
Sample Date	<b>04 Jan 2024</b>	23 May 2023	27 Jan 2023	---
Machine Hours	<b>1496</b>	1024	666	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>320</b>	290	167	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>&lt;1</b>	2	5	---
Sodium	ppm	<b>1</b>	3	2	---
Potassium	ppm	<b>4</b>	4	3	---

## 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	<b>46</b>	93	375	---
Copper	ppm	<b>0</b>	0	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>2</b>	0	<1	---
Chromium	ppm	<b>&lt;1</b>	2	5	---
Molybdenum	ppm	<b>0</b>	<1	1	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>0</b>	0	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>0</b>	1	4	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>15</b>	2	8	---
Magnesium	ppm	<b>0</b>	0	1	---
Zinc	ppm	<b>0</b>	9	36	---
Phosphorus	ppm	<b>986</b>	932	291	---
Barium	ppm	<b>0</b>	0	1	---
Boron	ppm	<b>212</b>	136	0	---

**Depot:** VOLV00150  
**Unique No:** 10822953  
**Signed:** Sean Felton  
**Report Date:** 11 Jan 2024



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## GRAPHS

