



# CONSTRUCTION EQUIPMENT

SPM717251 ALPINE VOLVO EC750EHR 391010 - REAR LEFT FINAL DRIVE



**Sample No:** VCP453620  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM717251 ALPINE



## SAMPLE INFORMATION

Sample Number	<b>VCP453620</b>	VCP420685	VCP350530	---
Sample Date	<b>28 May 2024</b>	28 Jul 2023	17 Dec 2021	---
Machine Hours	<b>2944</b>	1761	558	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>148</b>	180	179	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>15</b>	10	8	---
Sodium	ppm	<b>2</b>	<1	2	---
Potassium	ppm	<b>3</b>	2	<1	---

## 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>224</b>	155	119	---
Copper	ppm	<b>&lt;1</b>	<1	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	0	<1	---
Aluminum	ppm	<b>2</b>	1	<1	---
Chromium	ppm	<b>3</b>	2	2	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>&lt;1</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	3	2	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>22</b>	35	20	---
Magnesium	ppm	<b>4</b>	2	2	---
Zinc	ppm	<b>16</b>	19	15	---
Phosphorus	ppm	<b>492</b>	432	433	---
Barium	ppm	<b>10</b>	21	21	---
Boron	ppm	<b>0</b>	0	11	---

**Depot:** VOLVO8885  
**Unique No:** 11057877  
**Signed:** Wes Davis  
**Report Date:** 31 May 2024



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## GRAPHS

