



# CONSTRUCTION EQUIPMENT

## VOLVO L180H 5717 - REAR AXLE



**Sample No:** VCP437725  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP437725</b>	VCP376058	---	---
Sample Date	<b>24 Feb 2024</b>	13 Nov 2023	---	---
Machine Hours	<b>2234</b>	1568	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Changed</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	NORMAL	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>41.2</b>	40.8	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>10</b>	12	---	---
Sodium	ppm	<b>4</b>	4	---	---
Potassium	ppm	<b>2</b>	2	---	---

**Diagnosis**  
 No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>34</b>	45	---	---
Copper	ppm	<b>7</b>	10	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>&lt;1</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	1	---	---
Chromium	ppm	<b>&lt;1</b>	1	---	---
Molybdenum	ppm	<b>0</b>	0	---	---
Nickel	ppm	<b>0</b>	<1	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>1</b>	2	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>3576</b>	3638	---	---
Magnesium	ppm	<b>9</b>	10	---	---
Zinc	ppm	<b>1547</b>	1538	---	---
Phosphorus	ppm	<b>1349</b>	1339	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>118</b>	127	---	---

**Depot:** VOLVO0090  
**Unique No:** 10900248  
**Signed:** Jonathan Hester  
**Report Date:** 29 Feb 2024



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## GRAPHS

