



# CONSTRUCTION EQUIPMENT

## SWO-069917 APAC VOLVO L150H 5908 - FRONT AXLE



**Sample No:** VCP441647  
**Oil Type:** TRANSAXLE OIL SAE 75W80  
**Job No:** SWO-069917 APAC



### SAMPLE INFORMATION

Sample Number	<b>VCP441647</b>	VCP297124	VCP290752	VCP285698
Sample Date	<b>22 Feb 2024</b>	05 Feb 2021	18 Nov 2020	24 Aug 2020
Machine Hours	<b>7119</b>	4099	3253	3140
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY  
 BIRMINGHAM, AL  
 US 35217  
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 bclay@cowin.com  
 T:  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>54.2</b>	40.6	40.3	40.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	12	9	13
Sodium	ppm	<b>1</b>	3	2	2
Potassium	ppm	<b>0</b>	0	3	2

### 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>19</b>	274	123	201
Copper	ppm	<b>6</b>	33	31	33
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	1	<1	0
Chromium	ppm	<b>&lt;1</b>	6	2	5
Molybdenum	ppm	<b>&lt;1</b>	4	<1	3
Nickel	ppm	<b>0</b>	1	2	2
Titanium	ppm	<b>0</b>	<1	<1	<1
Silver	ppm	<b>0</b>	<1	<1	0
Manganese	ppm	<b>&lt;1</b>	6	2	5
Vanadium	ppm	<b>0</b>	<1	0	<1



### ADDITIVES

Calcium	ppm	<b>3080</b>	3864	3587	3614
Magnesium	ppm	<b>28</b>	7	8	9
Zinc	ppm	<b>1324</b>	1457	1444	1550
Phosphorus	ppm	<b>1261</b>	1329	1274	1208
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>18</b>	117	89	155

**Depot:** VOLVO8528  
**Unique No:** 10900261  
**Signed:** Wes Davis  
**Report Date:** 28 Feb 2024



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## VOLVO GRAPHS

