



# CONSTRUCTION EQUIPMENT

## SWO-069917 APAC VOLVO L150H 5908 - TRANSMISSION (AUTO)



**Sample No:** VCP444458  
**Oil Type:** DEXRON III  
**Job No:** SWO-069917 APAC



### SAMPLE INFORMATION

Sample Number	<b>VCP444458</b>	VCP297125	VCP267745	VCP285703
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>	ABNORMAL	ABNORMAL	ABNORMAL

### COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY  
 BIRMINGHAM, AL  
 US 35217  
 Contact: BRANTLY CLAY  
 bclay@cowin.com  
 T:  
 F: (205)856-2106



### OIL CONDITION

Visc @ 40°C	cSt	<b>30.2</b>	26.1	26.0	26.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	6	6	8
Sodium	ppm	<b>&lt;1</b>	6	4	5
Potassium	ppm	<b>2</b>	2	8	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>32</b>	182	187	181
Copper	ppm	<b>2</b>	8	8	9
Lead	ppm	<b>&lt;1</b>	<1	2	0
Tin	ppm	<b>&lt;1</b>	<1	0	<1
Aluminum	ppm	<b>&lt;1</b>	2	1	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>2</b>	<1	0	<1
Nickel	ppm	<b>&lt;1</b>	<1	1	<1
Titanium	ppm	<b>&lt;1</b>	<1	<1	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>&lt;1</b>	5	5	6
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>94</b>	80	86	82
Magnesium	ppm	<b>8</b>	0	2	1
Zinc	ppm	<b>21</b>	15	18	18
Phosphorus	ppm	<b>177</b>	144	142	144
Barium	ppm	<b>1</b>	0	2	4
Boron	ppm	<b>84</b>	42	46	65

**Depot:** VOLVO8528  
**Unique No:** 10900337  
**Signed:** Sean Felton  
**Report Date:** 29 Feb 2024



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## VOLVO GRAPHS

