



# CONSTRUCTION EQUIPMENT

## SW1034418 ALL CITY VOLVO L90H 624798 - TRANSMISSION (AUTO)



**Sample No:** VCP440860  
**Oil Type:** ATF  
**Job No:** SW1034418 ALL CITY



### SAMPLE INFORMATION

Sample Number	<b>VCP440860</b>	VCP397897	VCP344691	---
Sample Date	<b>16 May 2024</b>	03 Mar 2023	14 Jan 2022	---
Machine Hours	<b>3543</b>	3070	2573	---
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>26.4</b>	26.4	26.6	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>18</b>	13	13	---
Sodium	ppm	<b>6</b>	5	4	---
Potassium	ppm	<b>0</b>	1	0	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is suitable for further service.



### WEAR METALS

Iron	ppm	<b>97</b>	75	79	---
Copper	ppm	<b>10</b>	6	7	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>0</b>	<1	1	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>2</b>	<1	<1	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>11</b>	8	9	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>117</b>	118	112	---
Magnesium	ppm	<b>3</b>	2	2	---
Zinc	ppm	<b>54</b>	49	48	---
Phosphorus	ppm	<b>176</b>	157	161	---
Barium	ppm	<b>4</b>	2	4	---
Boron	ppm	<b>50</b>	42	47	---

**Depot:** VOLVO6174  
**Unique No:** 11047597  
**Signed:** Sean Felton  
**Report Date:** 29 May 2024

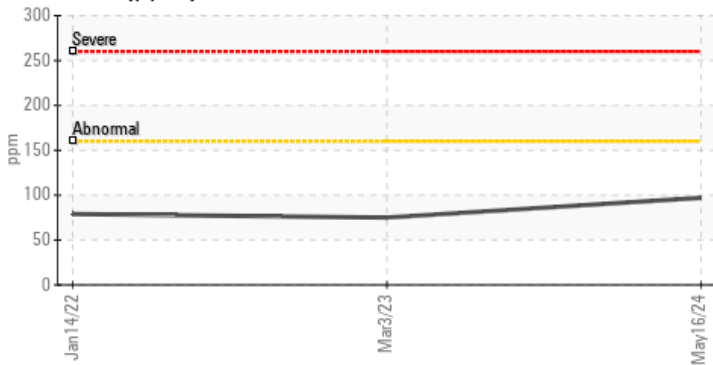


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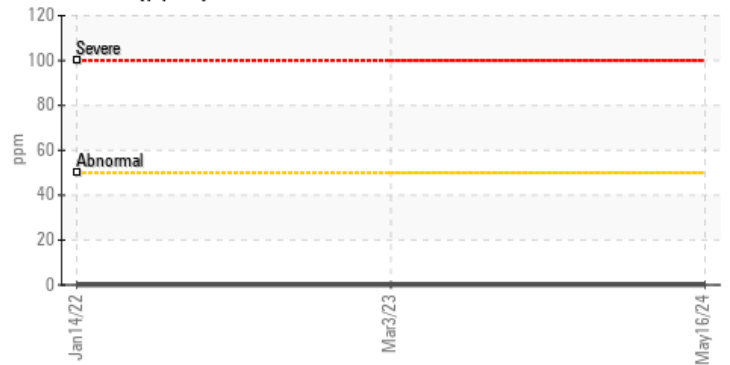


## GRAPHS

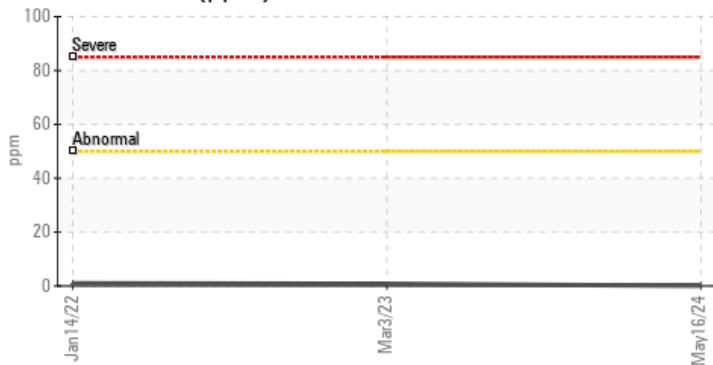
### Iron (ppm)



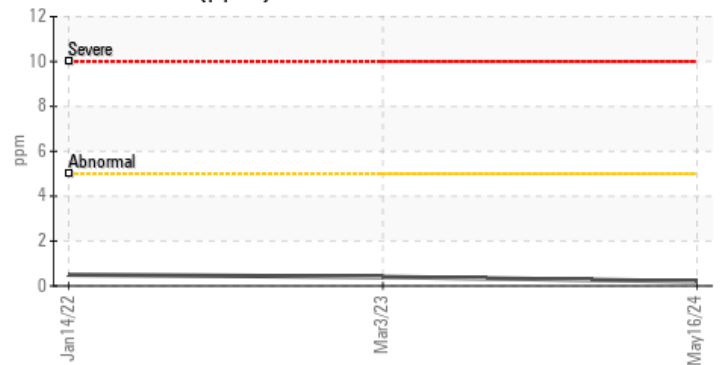
### Lead (ppm)



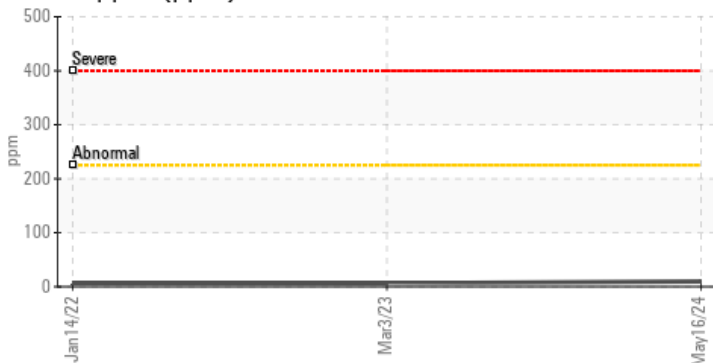
### Aluminum (ppm)



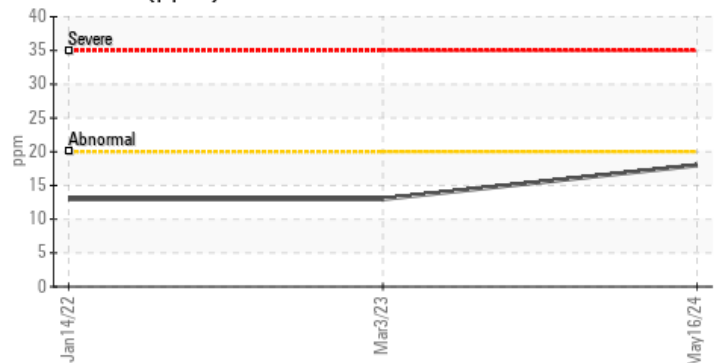
### Chromium (ppm)



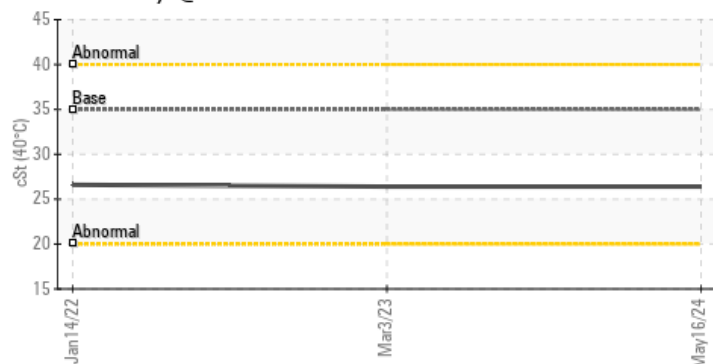
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

