



# CONSTRUCTION EQUIPMENT

## 672669 VOLVO L90H 626530 - TRANSMISSION (AUTO)



**Sample No:** VCP444093  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 672669



### SAMPLE INFORMATION

Sample Number	<b>VCP444093</b>	VCP424438	VCP402759	---
Sample Date	<b>05 Feb 2024</b>	12 Jun 2023	20 Feb 2023	---
Machine Hours	<b>2534</b>	1297	546	---
Oil Hours	<b>2534</b>	1297	546	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	NORMAL	---

### OLDCASTLE LAWN AND GARDEN

2427 RWS RANCH RD  
 DAVENPORT, FL  
 US 33837

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 F: (863)421-1776



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.67</b>	27.9	27.3	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>13</b>	9	8	---
Sodium	ppm	<b>6</b>	0	3	---
Potassium	ppm	<b>3</b>	3	2	---

### Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>303</b>	176	95	---
Copper	ppm	<b>12</b>	9	6	---
Lead	ppm	<b>&lt;1</b>	<1	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>2</b>	0	0	---
Chromium	ppm	<b>1</b>	<1	<1	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>1</b>	<1	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	1	---
Manganese	ppm	<b>13</b>	10	9	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>86</b>	78	75	---
Magnesium	ppm	<b>2</b>	<1	<1	---
Zinc	ppm	<b>43</b>	30	15	---
Phosphorus	ppm	<b>206</b>	188	186	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>65</b>	72	69	---

**Depot:** GREDAVFL  
**Unique No:** 10901630  
**Signed:** Jonathan Hester  
**Report Date:** 04 Mar 2024

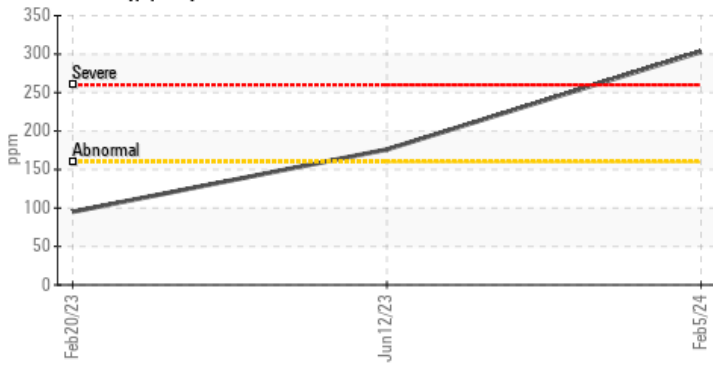


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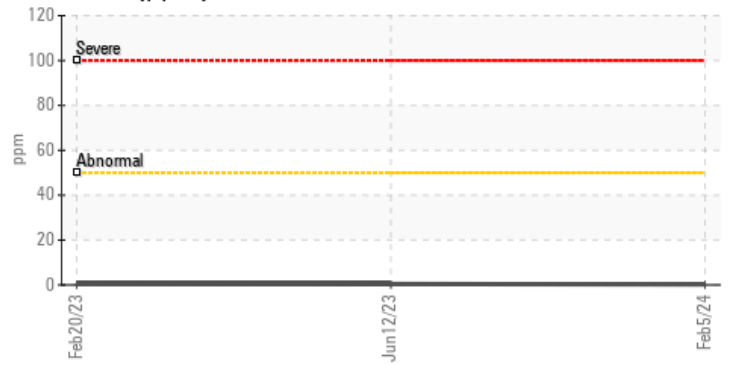


## GRAPHS

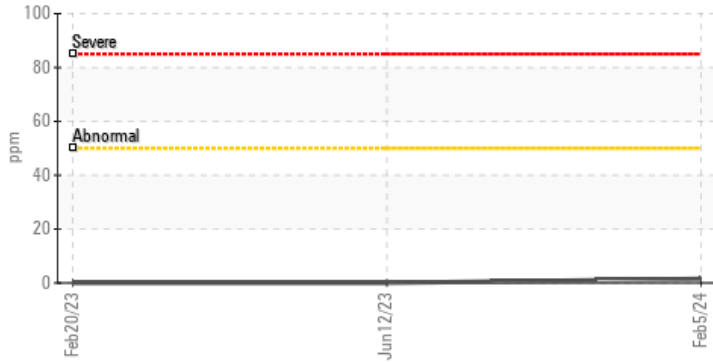
### ▲ Iron (ppm)



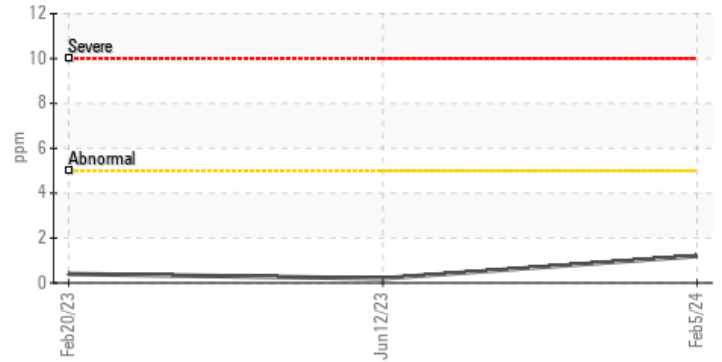
### Lead (ppm)



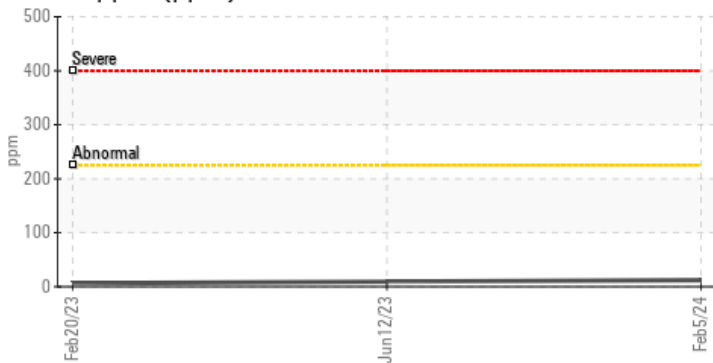
### Aluminum (ppm)



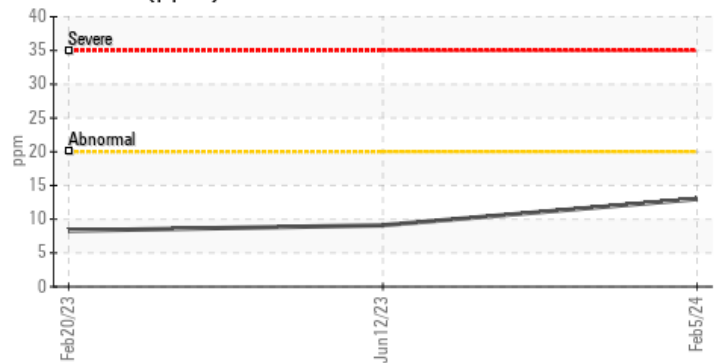
### Chromium (ppm)



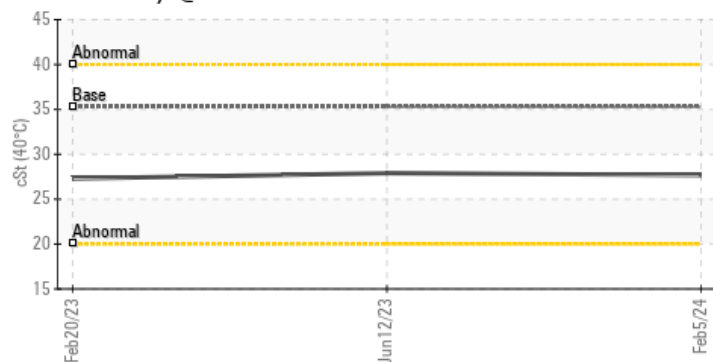
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

