



# CONSTRUCTION EQUIPMENT

## D12139 IAA SUSSET VOLVO L90H 625531 - TRANSMISSION (AUTO)



**Sample No:** VCP381309  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** D12139 IAA SUSSET



### SAMPLE INFORMATION

Sample Number	<b>VCP381309</b>	VCP382394	VCP335863	---
Sample Date	<b>19 Apr 2023</b>	02 Mar 2023	10 Feb 2022	---
Machine Hours	<b>4295</b>	4014	2086	---
Oil Hours	<b>281</b>	4014	0	---
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	26.4	32.4	---
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### CONTAMINATION

Silicon	ppm	<b>4</b>	7	3	---
Sodium	ppm	<b>3</b>	4	2	---
Potassium	ppm	<b>0</b>	2	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 fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>66</b>	▲ 168	12	---
Copper	ppm	<b>7</b>	16	9	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	2	---
Aluminum	ppm	<b>&lt;1</b>	1	7	---
Chromium	ppm	<b>&lt;1</b>	0	0	---
Molybdenum	ppm	<b>&lt;1</b>	0	0	---
Nickel	ppm	<b>0</b>	0	2	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>4</b>	9	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>78</b>	81	77	---
Magnesium	ppm	<b>4</b>	2	<1	---
Zinc	ppm	<b>28</b>	57	1	---
Phosphorus	ppm	<b>183</b>	160	208	---
Barium	ppm	<b>3</b>	8	0	---
Boron	ppm	<b>76</b>	42	86	---

**Depot:** VOLVO0069  
**Unique No:** 10442797  
**Signed:** Jonathan Hester  
**Report Date:** 27 Apr 2023

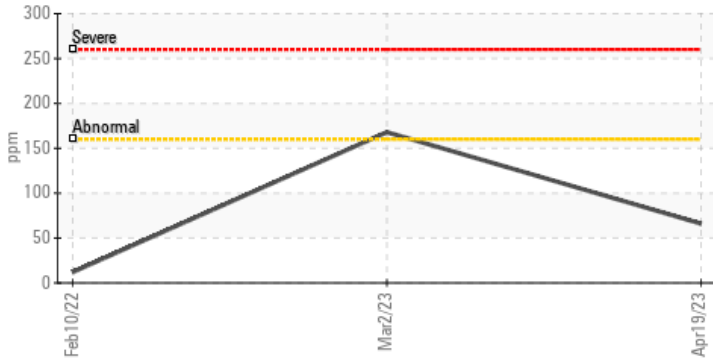


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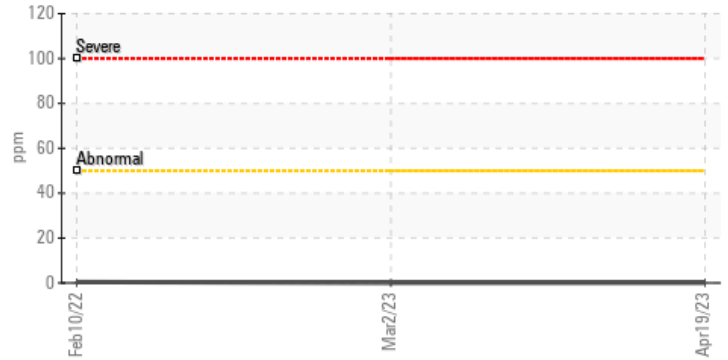


## GRAPHS

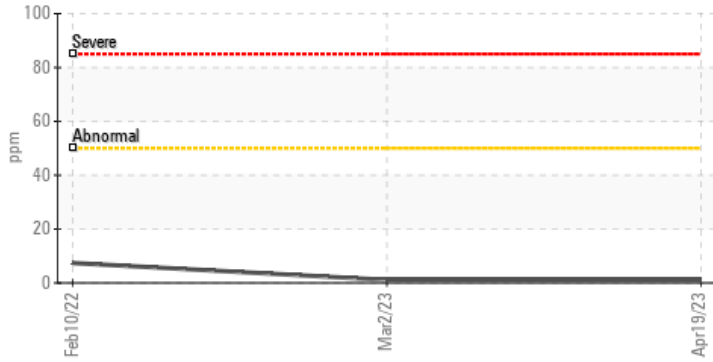
### Iron (ppm)



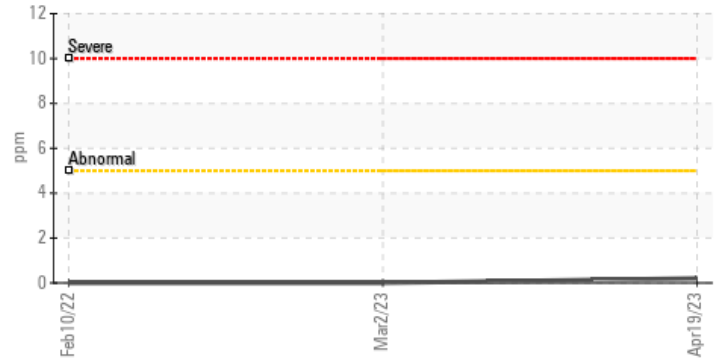
### Lead (ppm)



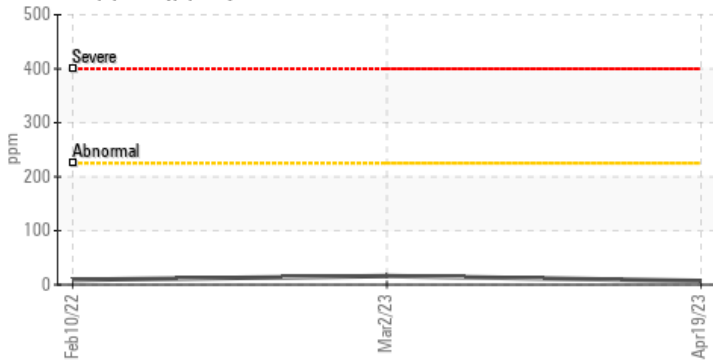
### Aluminum (ppm)



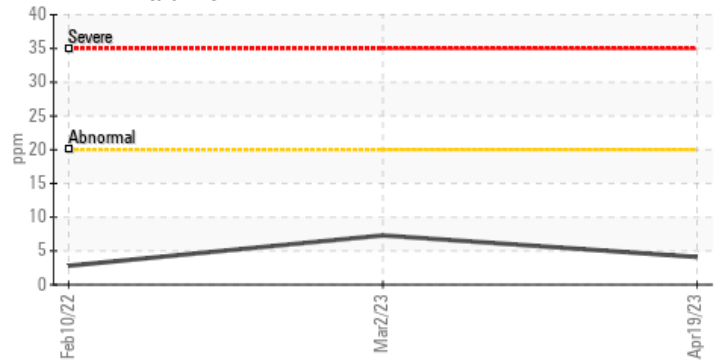
### Chromium (ppm)



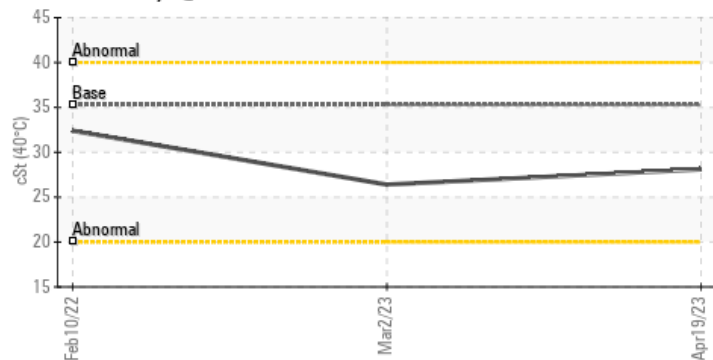
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

