



# CONSTRUCTION EQUIPMENT

## SWO-069192 VOLVO A60H 340044 - TRANSMISSION



**Sample No:** VCP441301  
**Oil Type:** {unknown}  
**Job No:** SWO-069192



### SAMPLE INFORMATION

Sample Number	<b>VCP441301</b>	VCP388402	VCP414076	VCP410192
Sample Date	<b>01 Feb 2024</b>	21 Aug 2023	04 Aug 2023	11 May 2023
Machine Hours	<b>9302</b>	8811	8791	8303
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	ABNORMAL	ABNORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD  
 BIRMINGHAM, AL  
 US 35207

Contact: STEPHANI BRITTON  
 sbritton@saiia.com;doug.bogart@wearcheck.com  
 T: (205)943-2268  
 F: (205)943-2269



### OIL CONDITION

Visc @ 40°C	cSt	<b>90.0</b>	90.3	86.3	87.7
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	5	7	5
Sodium	ppm	<b>0</b>	<1	0	2
Potassium	ppm	<b>1</b>	1	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>3</b>	8	14	10
Copper	ppm	<b>&lt;1</b>	2	8	7
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>2</b>	2	7	4
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>45</b>	49	35	33
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>0</b>	3	13	10
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>1548</b>	1214	1794	1702
Magnesium	ppm	<b>525</b>	706	468	465
Zinc	ppm	<b>1102</b>	1081	1059	1041
Phosphorus	ppm	<b>816</b>	955	925	904
Barium	ppm	<b>5</b>	0	2	0
Boron	ppm	<b>74</b>	32	85	76

**Depot:** SAIBIR  
**Unique No:** 10863816  
**Signed:** Jonathan Hester  
**Report Date:** 08 Feb 2024

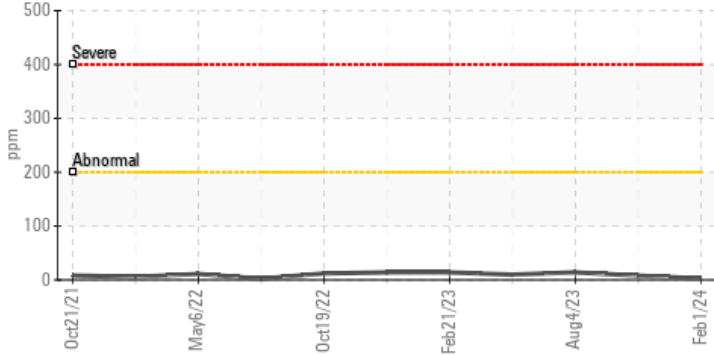


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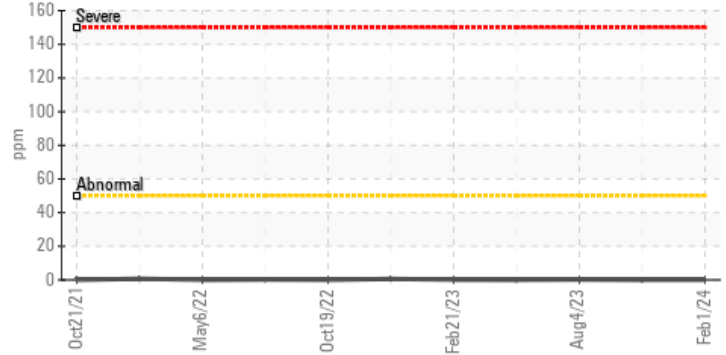


## GRAPHS

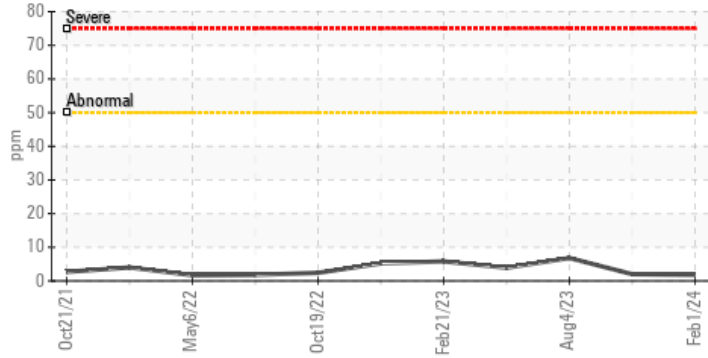
### Iron (ppm)



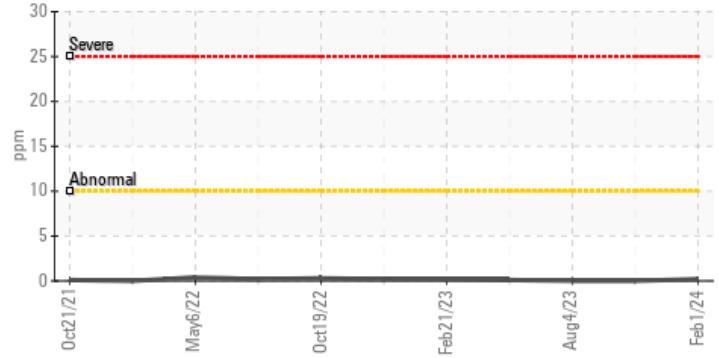
### Lead (ppm)



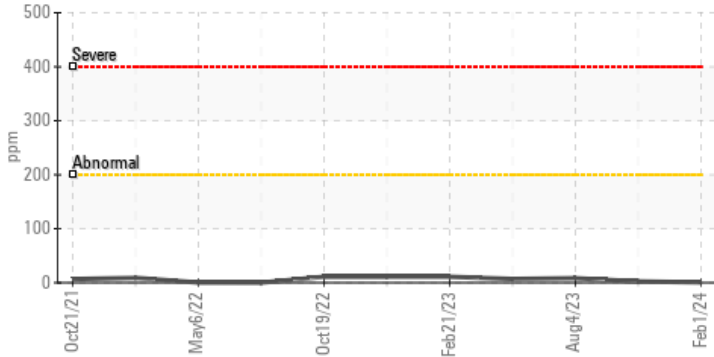
### Aluminum (ppm)



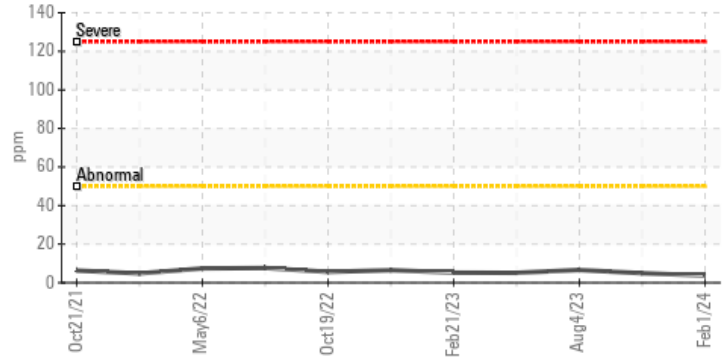
### Chromium (ppm)



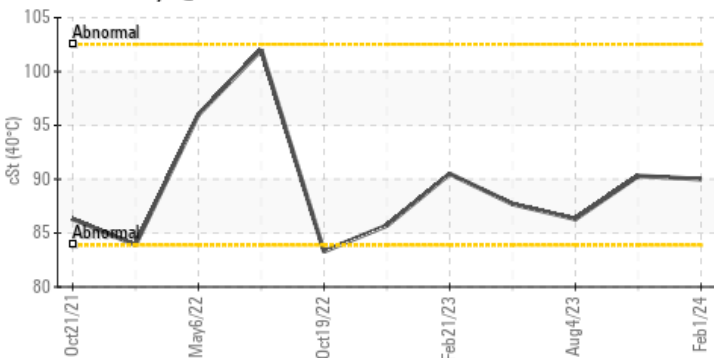
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

