



# CONSTRUCTION EQUIPMENT

## SWO-063669 VOLVO A60 A60H 340102 - TRANSMISSION



**Sample No:** VCP404964  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-063669



### SAMPLE INFORMATION

Sample Number	<b>VCP404964</b>	VCP419727	VCP393685	VCP389257
Sample Date	<b>11 Jul 2023</b>	30 Mar 2023	15 Dec 2022	14 Sep 2022
Machine Hours	<b>8821</b>	8292	7821	7310
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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 F: (205)943-2269



### OIL CONDITION

Visc @ 40°C	cSt	<b>80.0</b>	83.1	71.8	75.2
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### CONTAMINATION

Silicon	ppm	<b>6</b>	6	6	5
Sodium	ppm	<b>6</b>	5	14	11
Potassium	ppm	<b>&lt;1</b>	1	0	<1



### WEAR METALS

Iron	ppm	<b>14</b>	12	21	15
Copper	ppm	<b>9</b>	6	17	14
Lead	ppm	<b>&lt;1</b>	0	<1	<1
Tin	ppm	<b>&lt;1</b>	<1	<1	<1
Aluminum	ppm	<b>3</b>	2	4	4
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>44</b>	44	47	46
Nickel	ppm	<b>&lt;1</b>	<1	2	<1
Titanium	ppm	<b>&lt;1</b>	0	<1	<1
Silver	ppm	<b>46</b>	43	104	83
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>1808</b>	1652	1584	1504
Magnesium	ppm	<b>600</b>	535	633	605
Zinc	ppm	<b>1197</b>	1103	1057	1065
Phosphorus	ppm	<b>1030</b>	980	885	945
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>73</b>	76	52	62

### 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.

**Depot:** SAIBIR  
**Unique No:** 10560407  
**Signed:** Don Baldrige  
**Report Date:** 18 Jul 2023

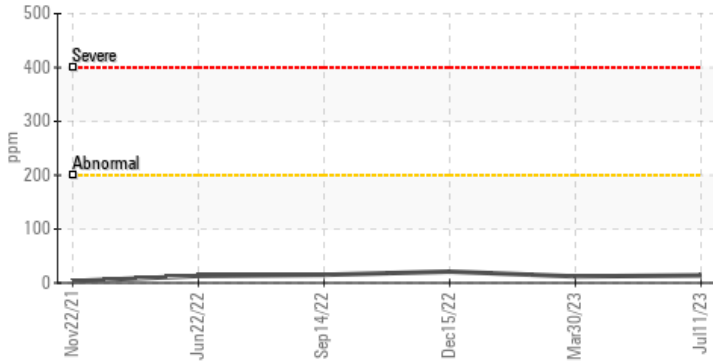


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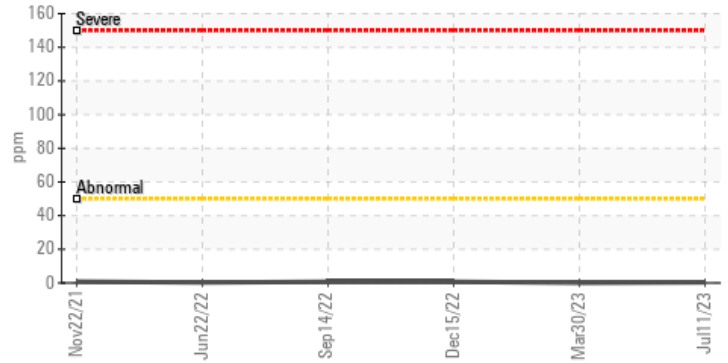


## GRAPHS

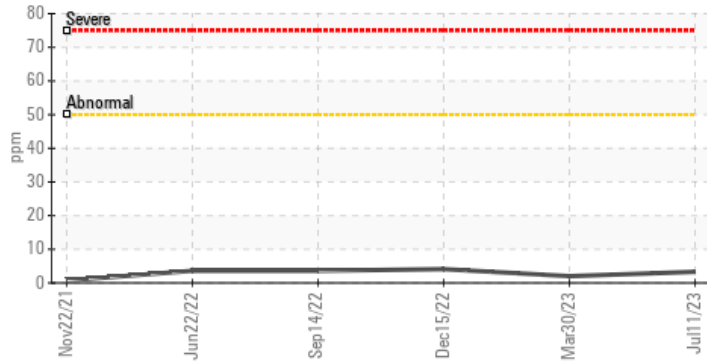
### Iron (ppm)



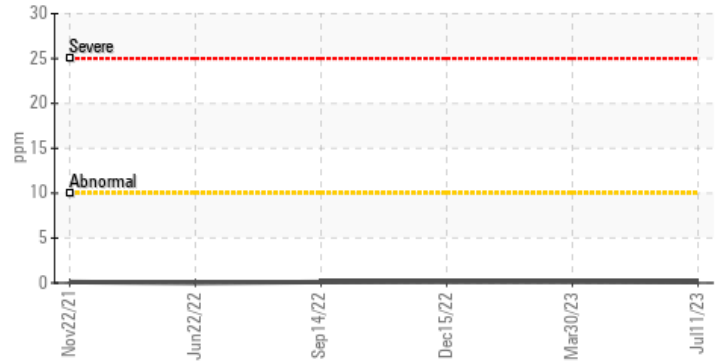
### Lead (ppm)



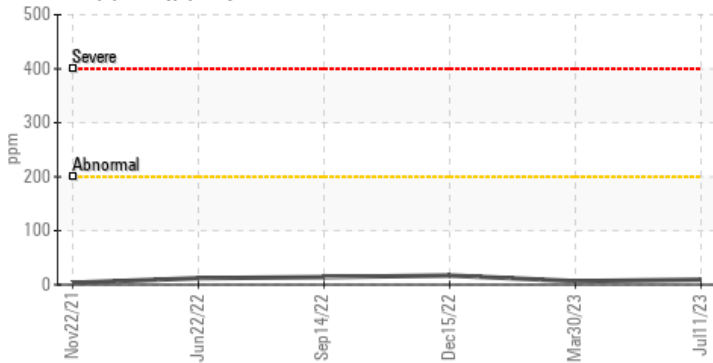
### Aluminum (ppm)



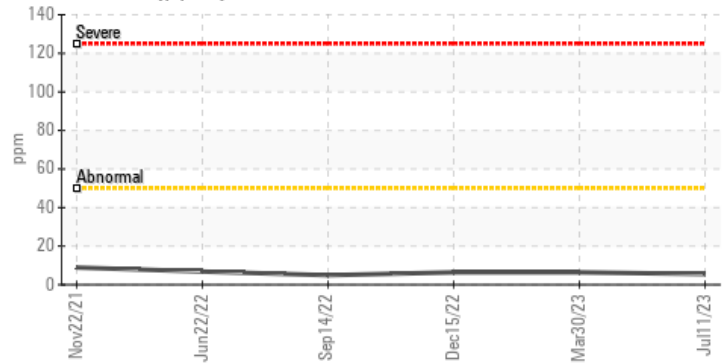
### Chromium (ppm)



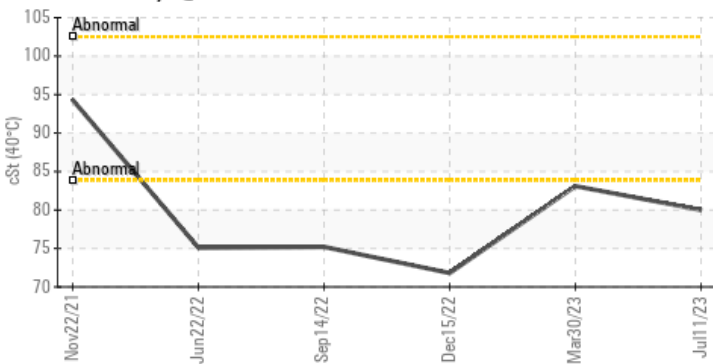
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

