



# CONSTRUCTION EQUIPMENT

## SWO-064724 VOLVO A60H 340044 - TRANSMISSION



**Sample No:** VCP414076  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-064724



### SAMPLE INFORMATION

Sample Number	<b>VCP414076</b>	VCP410192	VCP393621	VCP370607
Sample Date	<b>04 Aug 2023</b>	11 May 2023	21 Feb 2023	21 Nov 2022
Machine Hours	<b>8791</b>	8303	7835	7500
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	N/A
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	ABNORMAL

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>86.3</b>	87.7	90.5	85.7
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### CONTAMINATION

Silicon	ppm	<b>7</b>	5	5	6
Sodium	ppm	<b>0</b>	2	3	4
Potassium	ppm	<b>2</b>	1	2	0



### WEAR METALS

Iron	ppm	<b>14</b>	10	14	14
Copper	ppm	<b>8</b>	7	11	11
Lead	ppm	<b>&lt;1</b>	0	<1	<1
Tin	ppm	<b>&lt;1</b>	<1	<1	<1
Aluminum	ppm	<b>7</b>	4	6	5
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>35</b>	33	21	23
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>13</b>	10	20	20
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>1794</b>	1702	1857	1743
Magnesium	ppm	<b>468</b>	465	444	509
Zinc	ppm	<b>1059</b>	1041	983	979
Phosphorus	ppm	<b>925</b>	904	848	835
Barium	ppm	<b>2</b>	0	<1	0
Boron	ppm	<b>85</b>	76	81	81

### Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** SAIBIR  
**Unique No:** 10607578  
**Signed:** Sean Felton  
**Report Date:** 18 Aug 2023



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## GRAPHS

