



# CONSTRUCTION EQUIPMENT

## SWO-063883 VOLVO A60H 350067 - TRANSMISSION



**Sample No:** VCP404935  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-063883



### SAMPLE INFORMATION

Sample Number	<b>VCP404935</b>	VCP410128	VCP365632	VCP363600
Sample Date	<b>12 Jul 2023</b>	31 Mar 2023	09 Nov 2022	02 Aug 2022
Machine Hours	<b>5889</b>	5382	4893	4363
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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### OIL CONDITION

Visc @ 40°C	cSt	<b>82.7</b>	89.7	82.9	86.2
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	<b>9</b>	6	6	5
Copper	ppm	<b>4</b>	2	3	3
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>&lt;1</b>	0	<1	<1
Aluminum	ppm	<b>&lt;1</b>	<1	<1	1
Chromium	ppm	<b>0</b>	<1	0	0
Molybdenum	ppm	<b>43</b>	42	36	38
Nickel	ppm	<b>1</b>	<1	1	<1
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>16</b>	11	23	19
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>1671</b>	1647	1621	1686
Magnesium	ppm	<b>489</b>	500	511	499
Zinc	ppm	<b>1045</b>	1072	1059	1036
Phosphorus	ppm	<b>953</b>	946	893	920
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>86</b>	86	81	94

### 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:** 10561625  
**Signed:** Sean Felton  
**Report Date:** 19 Jul 2023



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## GRAPHS

