



# CONSTRUCTION EQUIPMENT

## SWO065912 VOLVO A30G 752677 - WET DISC BRAKE



**Sample No:** VCP433861  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SWO065912



### SAMPLE INFORMATION

Sample Number	<b>VCP433861</b>	VCP424294	VCP368396	VCP366673
Sample Date	<b>18 Sep 2023</b>	23 Jun 2023	18 Nov 2022	11 Aug 2022
Machine Hours	<b>1919</b>	2405	915	434
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	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>43.2</b>	43.6	43.4	43.6
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### CONTAMINATION

Silicon	ppm	<b>14</b>	16	14	14
Sodium	ppm	<b>4</b>	2	3	2
Potassium	ppm	<b>4</b>	7	2	8

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>14</b>	10	14	6
Copper	ppm	<b>34</b>	28	16	9
Lead	ppm	<b>0</b>	<1	<1	0
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>1</b>	0	<1	1
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3266</b>	3663	3543	3574
Magnesium	ppm	<b>8</b>	6	8	5
Zinc	ppm	<b>1281</b>	1530	1419	1484
Phosphorus	ppm	<b>1146</b>	1280	1154	1224
Barium	ppm	<b>0</b>	0	0	3
Boron	ppm	<b>116</b>	132	114	124

**Depot:** SAIBIR  
**Unique No:** 10659117  
**Signed:** Don Baldrige  
**Report Date:** 23 Sep 2023



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## GRAPHS

