



# CONSTRUCTION EQUIPMENT

SWO-064338 VOLVO A45G 352916 - TRANSMISSION (AUTO)



**Sample No:** VCP415951  
**Oil Type:** DEXRON III  
**Job No:** SWO-064338



## SAMPLE INFORMATION

Sample Number	<b>VCP415951</b>	VCP404634	VCP403252	VCP362536
Sample Date	<b>25 Jul 2023</b>	04 May 2023	24 Jan 2023	07 Jul 2022
Machine Hours	<b>3005</b>	2493	1980	936
Oil Hours	<b>0</b>	0	0	936
Oil Changed	<b>Not Changed</b>	Not Changed	Changed	Changed
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	MARGINAL

### 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>27.7</b>	28.0	28.1	28.61
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## CONTAMINATION

Silicon	ppm	<b>7</b>	5	15	13
Sodium	ppm	<b>4</b>	2	3	1
Potassium	ppm	<b>2</b>	2	5	4



## WEAR METALS

Iron	ppm	<b>24</b>	15	29	18
Copper	ppm	<b>12</b>	6	18	9
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>1</b>	2	3	1
Aluminum	ppm	<b>10</b>	7	13	7
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>&lt;1</b>	1	1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	1	3	2
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>98</b>	87	76	74
Magnesium	ppm	<b>4</b>	7	2	2
Zinc	ppm	<b>14</b>	2	9	6
Phosphorus	ppm	<b>181</b>	176	188	179
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>76</b>	68	83	89

## 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:** 10575874  
**Signed:** Don Baldrige  
**Report Date:** 30 Jul 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

