



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 740046 - TRANSMISSION (AUTO)



**Sample No:** VCP410080  
**Oil Type:** DEXRON III  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP410080</b>	VCP371705	VCP314120	VCP322660
Sample Date	<b>01 Aug 2023</b>	17 Nov 2022	27 May 2022	28 May 2021
Machine Hours	<b>9169</b>	8779	8446	7406
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>ABNORMAL</b>	ABNORMAL	NORMAL	NORMAL

**FCS CONSTRUCTION LLC**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>29.2</b>	30.29	28.5	29.4
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### CONTAMINATION

Silicon	ppm	<b>2</b>	2	2	2
Sodium	ppm	<b>3</b>	2	2	2
Potassium	ppm	<b>&lt;1</b>	0	0	<1



### WEAR METALS

Iron	ppm	<b>9</b>	6	10	10
Copper	ppm	<b>15</b>	11	20	13
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>2</b>	<1	2	2
Aluminum	ppm	<b>8</b>	4	9	9
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	2	5	<1
Nickel	ppm	<b>1</b>	<1	1	2
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	<1
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>49</b>	49	58	45
Magnesium	ppm	<b>&lt;1</b>	1	<1	2
Zinc	ppm	<b>26</b>	28	31	10
Phosphorus	ppm	<b>167</b>	189	174	190
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>52</b>	58	65	72

### Diagnosis

No corrective action is recommended at this time. Oil and 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:** FCS DAL  
**Unique No:** 10603764  
**Signed:** Jonathan Hester  
**Report Date:** 16 Aug 2023



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## VOLVO GRAPHS

