



# CONSTRUCTION EQUIPMENT

## SWO-071569 VOLVO A45G 353090 - TRANSMISSION (AUTO)



**Sample No:** VCP453738  
**Oil Type:** DEXRON III  
**Job No:** SWO-071569



### SAMPLE INFORMATION

Sample Number	<b>VCP453738</b>	VCP438023	VCP432858	VCP407517
Sample Date	<b>02 May 2024</b>	03 Jan 2024	19 Sep 2023	09 Jun 2023
Machine Hours	<b>3089</b>	2588	2023	1481
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.2</b>	28.4	27.8	27.7
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>7</b>	8	19	18
Sodium	ppm	<b>2</b>	<1	3	4
Potassium	ppm	<b>3</b>	2	4	5

### 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.



### WEAR METALS

Iron	ppm	<b>18</b>	15	38	32
Copper	ppm	<b>13</b>	11	28	20
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>3</b>	2	5	4
Aluminum	ppm	<b>11</b>	8	22	17
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	1	<1	<1
Nickel	ppm	<b>1</b>	2	3	3
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	2	4	4
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>131</b>	71	79	76
Magnesium	ppm	<b>4</b>	2	2	1
Zinc	ppm	<b>24</b>	0	7	0
Phosphorus	ppm	<b>226</b>	215	181	196
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>103</b>	87	71	80

**Depot:** SAIBIR  
**Unique No:** 11020483  
**Signed:** Don Baldrige  
**Report Date:** 13 May 2024



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## VOLVO GRAPHS

