



# CONSTRUCTION EQUIPMENT

## SW1022819 MGC VOLVO L110H 631286 - TRANSMISSION (AUTO)



**Sample No:** VCP414455  
**Oil Type:** ATF  
**Job No:** SW1022819 MGC



### SAMPLE INFORMATION

Sample Number	<b>VCP414455</b>	VCP346389	VCP308566	VCP267105
Sample Date	<b>24 Aug 2023</b>	18 May 2022	16 Apr 2021	07 Apr 2020
Machine Hours	<b>4459</b>	3940	3421	2937
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>26.7</b>	27.0	27.2	26.7
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### CONTAMINATION

Silicon	ppm	<b>6</b>	5	<1	8
Sodium	ppm	<b>3</b>	4	4	5
Potassium	ppm	<b>2</b>	0	1	4

### 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>70</b>	56	47	39
Copper	ppm	<b>12</b>	10	10	7
Lead	ppm	<b>&lt;1</b>	<1	<1	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>6</b>	4	<1	5
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	0
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>5</b>	4	4	4
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>41</b>	37	32	113
Magnesium	ppm	<b>3</b>	3	4	3
Zinc	ppm	<b>130</b>	110	107	30
Phosphorus	ppm	<b>122</b>	114	103	173
Barium	ppm	<b>0</b>	0	0	3
Boron	ppm	<b>24</b>	29	31	62

**Depot:** VOLVO6174  
**Unique No:** 10631037  
**Signed:** Sean Felton  
**Report Date:** 05 Sep 2023



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## VOLVO GRAPHS

