



# CONSTRUCTION EQUIPMENT

SWO-068735 VOLVO L120H 632828 - TRANSMISSION (AUTO)



**Sample No:** VCP435521  
**Oil Type:** {unknown}  
**Job No:** SWO-068735



## SAMPLE INFORMATION

Sample Number	<b>VCP435521</b>	VCP434023	VCP408956	VCP412658
Sample Date	<b>05 Jan 2024</b>	04 Oct 2023	12 Jun 2023	30 May 2023
Machine Hours	<b>4372</b>	3901	3488	3418
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ABNORMAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	28.5	27.1	27.2
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	7	7	7
Sodium	ppm	<b>0</b>	4	0	<1
Potassium	ppm	<b>2</b>	0	1	2

## 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>15</b>	56	53	51
Copper	ppm	<b>2</b>	5	5	5
Lead	ppm	<b>&lt;1</b>	0	<1	<1
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>2</b>	6	6	5
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>&lt;1</b>	0	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	3	3	3
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>72</b>	77	87	80
Magnesium	ppm	<b>2</b>	2	4	4
Zinc	ppm	<b>0</b>	17	26	25
Phosphorus	ppm	<b>202</b>	167	176	166
Barium	ppm	<b>3</b>	1	3	3
Boron	ppm	<b>108</b>	63	70	65

**Depot:** SAIBIR  
**Unique No:** 10831094  
**Signed:** Don Baldrige  
**Report Date:** 16 Jan 2024



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## VOLVO GRAPHS

