



# CONSTRUCTION EQUIPMENT

IMPACT AUTO 394833 VOLVO L90H 623902 - TRANSMISSION (AUTO)



**Sample No:** VCP392404  
**Oil Type:** VOLVO AT 102  
**Job No:** 394833



## SAMPLE INFORMATION

Sample Number	<b>VCP392404</b>	VCP430010	VCP260697	VCP212754
Sample Date	<b>15 Feb 2024</b>	04 Dec 2023	18 Feb 2020	16 Oct 2018
Machine Hours	<b>10000</b>	9563	4300	2185
Oil Hours	<b>2000</b>	0	0	1000
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### STRONGCO EQUIPMENT-EDMONTON

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## OIL CONDITION

Visc @ 40°C	cSt	<b>27.6</b>	27.7	26.4	26.4
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	5	9
Sodium	ppm	<b>3</b>	3	3	6
Potassium	ppm	<b>8</b>	<1	2	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>18</b>	16	35	53
Copper	ppm	<b>5</b>	4	10	12
Lead	ppm	<b>&lt;1</b>	<1	<1	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	2	2	2
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>0</b>	0	3	7
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>125</b>	111	136	94
Magnesium	ppm	<b>1</b>	<1	2	2
Zinc	ppm	<b>31</b>	30	43	34
Phosphorus	ppm	<b>208</b>	194	168	168
Barium	ppm	<b>0</b>	<1	1	3
Boron	ppm	<b>73</b>	73	58	48

**Depot:** VOLVO3908

**Unique No:** 5733832

**Signed:** Wes Davis

**Report Date:** 21 Feb 2024



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## VOLVO GRAPHS

