



# CONSTRUCTION EQUIPMENT

8000395882 VOLVO L45HS 422197 - TRANSMISSION (AUTO)



**Sample No:** VCP394101  
**Oil Type:** VOLVO AT 102  
**Job No:** 8000395882



## SAMPLE INFORMATION

Sample Number	<b>VCP394101</b>	VCP353388	VCP334379	---
Sample Date	<b>05 Mar 2024</b>	17 Aug 2023	29 May 2023	---
Machine Hours	<b>2347</b>	1901	1302	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Not Changd	---
Sample Status	<b>ABNORMAL</b>	SEVERE	NORMAL	---

**STRONGCO EQUIP (AB)**  
6 - 38403 BURNT LAKE TRAIL  
RED DEER COUNTY, AB  
CA T4S 2L4  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.6</b>	12.1	28.5	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>5</b>	6	7	---
Sodium	ppm	<b>1</b>	2	2	---
Potassium	ppm	<b>2</b>	3	4	---

## Diagnosis

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of fuel present in the fluid. Tests confirm the presence of fuel in the fluid. The fluid is no longer serviceable due to the presence of contaminants.



## WEAR METALS

Iron	ppm	<b>47</b>	43	35	---
Copper	ppm	<b>&lt;1</b>	2	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>&lt;1</b>	<1	<1	---
Chromium	ppm	<b>&lt;1</b>	<1	0	---
Molybdenum	ppm	<b>0</b>	0	0	---
Nickel	ppm	<b>&lt;1</b>	0	0	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>0</b>	<1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>72</b>	73	93	---
Magnesium	ppm	<b>&lt;1</b>	3	2	---
Zinc	ppm	<b>6</b>	35	14	---
Phosphorus	ppm	<b>208</b>	164	229	---
Barium	ppm	<b>0</b>	<1	<1	---
Boron	ppm	<b>90</b>	44	76	---

**Depot:** VOLVO9652  
**Unique No:** 5746258  
**Signed:** Wes Davis  
**Report Date:** 12 Mar 2024



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## GRAPHS

