



# CONSTRUCTION EQUIPMENT

381658 VOLVO L120H 633246 - FRONT AXLE



**Sample No:** VCP352694  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 381658



## SAMPLE INFORMATION

Sample Number	VCP352694	---	---	---
Sample Date	10 Oct 2023	---	---	---
Machine Hours	1946	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT--CALGARY

7923 54TH STREET SE  
 CALGARY, AB  
 CA T2C 4R7

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## OIL CONDITION

Visc @ 40°C	cSt	41.4	---	---	---
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## CONTAMINATION

Silicon	ppm	29	---	---	---
Sodium	ppm	11	---	---	---
Potassium	ppm	<1	---	---	---



## WEAR METALS

Iron	ppm	400	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	8	---	---	---
Molybdenum	ppm	17	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	16	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	4118	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1621	---	---	---
Phosphorus	ppm	1332	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	117	---	---	---

### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 75W80 range, advise investigate. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO3909  
**Unique No:** 5658789  
**Signed:** Kevin Marson  
**Report Date:** 18 Oct 2023



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## GRAPHS

