



# CONSTRUCTION EQUIPMENT

## VOLVO L90H 625902 - FRONT AXLE



**Sample No:** VCP297668  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP297668</b>	VCP352235	VCP333959	---
Sample Date	<b>04 Dec 2023</b>	11 Jul 2022	26 Jan 2022	---
Machine Hours	<b>9113</b>	4013	1991	---
Oil Hours	<b>0</b>	0	2000	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### STRONGCO EQUIPMENT INC (STE- FOY)

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### OIL CONDITION

Visc @ 40°C	cSt	<b>42.1</b>	42.3	42.8	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>11</b>	15	13	---
Sodium	ppm	<b>2</b>	10	9	---
Potassium	ppm	<b>&lt;1</b>	1	<1	---



### WEAR METALS

Iron	ppm	<b>20</b>	37	24	---
Copper	ppm	<b>&lt;1</b>	<1	<1	---
Lead	ppm	<b>&lt;1</b>	<1	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>2</b>	2	1	---
Chromium	ppm	<b>0</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	1	2	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>&lt;1</b>	0	0	---
Manganese	ppm	<b>0</b>	2	2	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>3485</b>	4329	3941	---
Magnesium	ppm	<b>10</b>	16	18	---
Zinc	ppm	<b>1481</b>	1652	1609	---
Phosphorus	ppm	<b>1282</b>	1342	1344	---
Barium	ppm	<b>&lt;1</b>	0	0	---
Boron	ppm	<b>92</b>	120	118	---

### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

**Depot:** VOLVO0228  
**Unique No:** 5696004  
**Signed:** Wes Davis  
**Report Date:** 13 Dec 2023



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## GRAPHS

