



# CONSTRUCTION EQUIPMENT

GDS GRANDE VALLE 404277 VOLVO L90H 625902 - FRONT AXLE



**Sample No:** VCP449447  
**Oil Type:** VOLVO WB 102  
**Job No:** 404277



## SAMPLE INFORMATION

Sample Number	<b>VCP449447</b>	VCP297668	VCP352235	VCP333959
Sample Date	<b>23 May 2024</b>	04 Dec 2023	11 Jul 2022	26 Jan 2022
Machine Hours	<b>11166</b>	9113	4013	1991
Oil Hours	<b>0</b>	0	0	2000
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



### STRONGCO EQUIPMENT INC (STE- FOY)

175, rue de Rotterdam  
St-Augustin-de-Desmaures, QC  
CA G3A 2K2  
Contact: Michel Lepage  
mlepage@strongco.com  
T: (418)870-1700  
F: (418)870-1701



## OIL CONDITION

Visc @ 40°C	cSt	<b>43.3</b>	42.1	42.3	42.8
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>36</b>	11	15	13
Sodium	ppm	<b>2</b>	2	10	9
Potassium	ppm	<b>2</b>	<1	1	<1



## WEAR METALS

Iron	ppm	<b>133</b>	20	37	24
Copper	ppm	<b>&lt;1</b>	<1	<1	<1
Lead	ppm	<b>0</b>	<1	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>8</b>	2	2	1
Chromium	ppm	<b>1</b>	0	<1	<1
Molybdenum	ppm	<b>0</b>	0	1	2
Nickel	ppm	<b>&lt;1</b>	<1	0	<1
Titanium	ppm	<b>&lt;1</b>	0	<1	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>2</b>	0	2	2
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>4185</b>	3485	4329	3941
Magnesium	ppm	<b>20</b>	10	16	18
Zinc	ppm	<b>1570</b>	1481	1652	1609
Phosphorus	ppm	<b>1307</b>	1282	1342	1344
Barium	ppm	<b>0</b>	<1	0	0
Boron	ppm	<b>117</b>	92	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:** 5788086  
**Signed:** Wes Davis  
**Report Date:** 30 May 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

