



# CONSTRUCTION EQUIPMENT

GDS MATANE 403068 VOLVO L110H 632254 - REAR AXLE



**Sample No:** VCP393887  
**Oil Type:** VOLVO WB 102  
**Job No:** 403068



## SAMPLE INFORMATION

Sample Number	<b>VCP393887</b>	VCP393138	VCP380431	VCP352317
Sample Date	<b>05 Mar 2024</b>	19 Jan 2024	05 Oct 2023	17 Mar 2023
Machine Hours	<b>16283</b>	13994	11666	8792
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	N/A	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### STRONGCO EQUIPMENT INC (STE- FOY)

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## OIL CONDITION

Visc @ 40°C	cSt	<b>43.0</b>	43.6	51.7	43.0
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>16</b>	13	19	11
Sodium	ppm	<b>&lt;1</b>	<1	2	<1
Potassium	ppm	<b>&lt;1</b>	<1	<1	<1



## WEAR METALS

Iron	ppm	<b>82</b>	76	330	44
Copper	ppm	<b>&lt;1</b>	<1	1	<1
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>3</b>	2	2	2
Chromium	ppm	<b>&lt;1</b>	<1	4	<1
Molybdenum	ppm	<b>0</b>	0	5	<1
Nickel	ppm	<b>&lt;1</b>	<1	2	<1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>1</b>	<1	4	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3736</b>	3860	2232	4282
Magnesium	ppm	<b>16</b>	21	4	18
Zinc	ppm	<b>1562</b>	1565	1121	1692
Phosphorus	ppm	<b>1310</b>	1303	1042	1450
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>105</b>	102	4	115

## 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:** 5788098  
**Signed:** Wes Davis  
**Report Date:** 30 May 2024



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## GRAPHS

