



# CONSTRUCTION EQUIPMENT

ROSARIO POIRIER VOLVO L110H 631739 - TRANSMISSION (AUTO)



**Sample No:** VCP393885  
**Oil Type:** VOLVO AT 102  
**Job No:**



## SAMPLE INFORMATION

Sample Number	<b>VCP393885</b>	VCP352575	VCP334357	VCP298611
Sample Date	<b>19 Dec 2023</b>	03 Oct 2022	12 Nov 2021	31 Mar 2021
Machine Hours	<b>8000</b>	5995	4012	2941
Oil Hours	<b>0</b>	2000	2000	0
Oil Changed	<b>N/A</b>	Changed	Changed	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>28.2</b>	28.1	28.1	26.9
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	4	8	8
Sodium	ppm	<b>&lt;1</b>	2	2	6
Potassium	ppm	<b>1</b>	<1	<1	1

## WEAR METALS

Iron	ppm	<b>18</b>	25	23	72
Copper	ppm	<b>2</b>	4	4	14
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>5</b>	7	4	9
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>&lt;1</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>0</b>	<1	1	6
Vanadium	ppm	<b>0</b>	0	0	0

## ADDITIVES

Calcium	ppm	<b>71</b>	75	73	90
Magnesium	ppm	<b>2</b>	2	<1	2
Zinc	ppm	<b>4</b>	5	6	21
Phosphorus	ppm	<b>200</b>	216	196	168
Barium	ppm	<b>0</b>	0	<1	5
Boron	ppm	<b>87</b>	86	84	63

## Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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 le fluide. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de le fluide est acceptable pour la durée de service.

**Depot:** VOLVO0228  
**Unique No:** 5709844  
**Signed:** Wes Davis  
**Report Date:** 15 Jan 2024

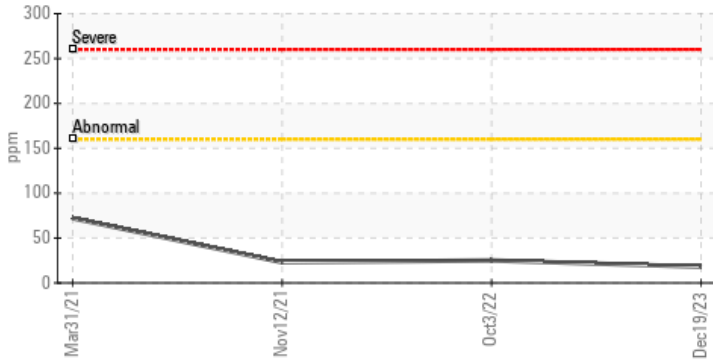


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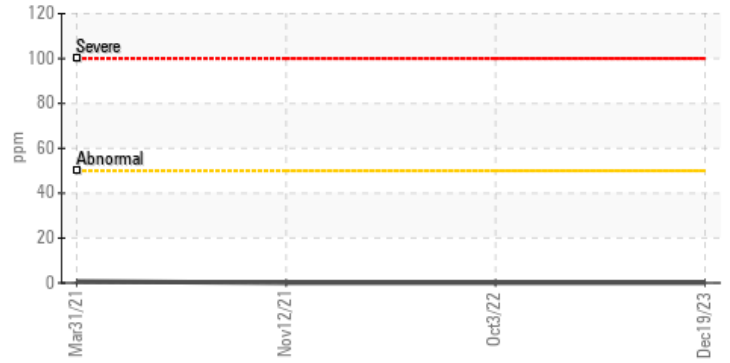


## GRAPHS

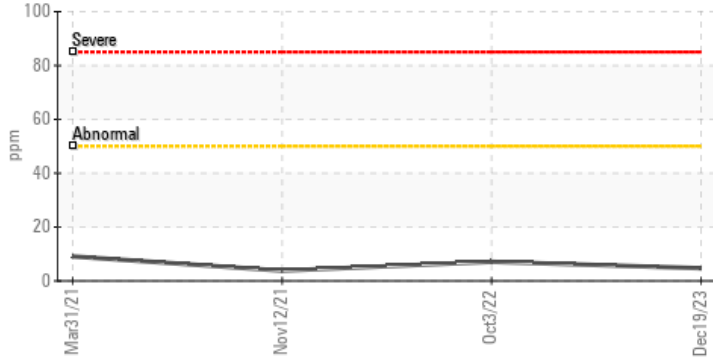
### Iron (ppm)



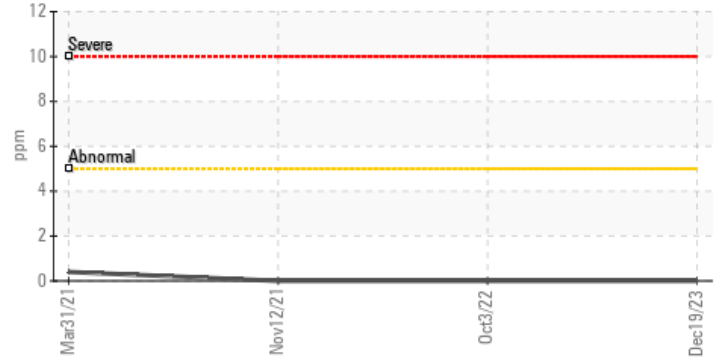
### Lead (ppm)



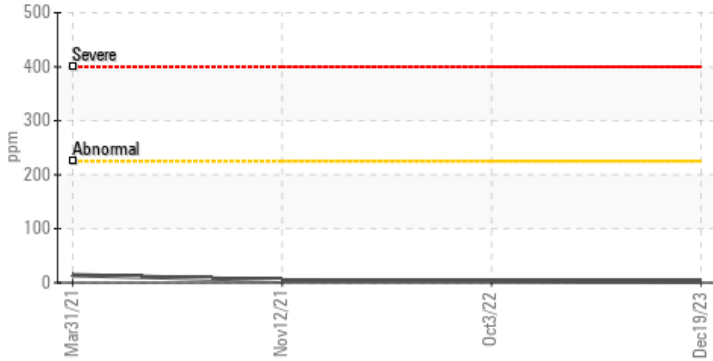
### Aluminum (ppm)



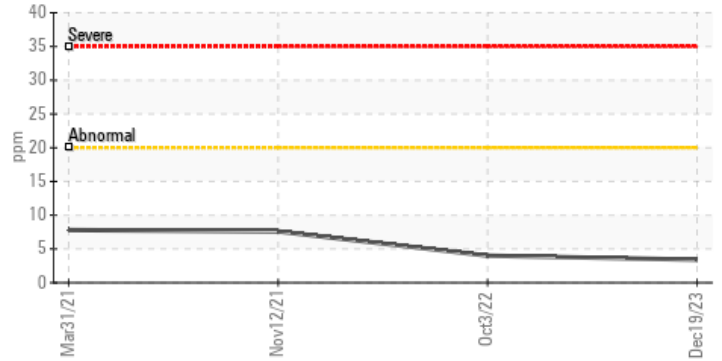
### Chromium (ppm)



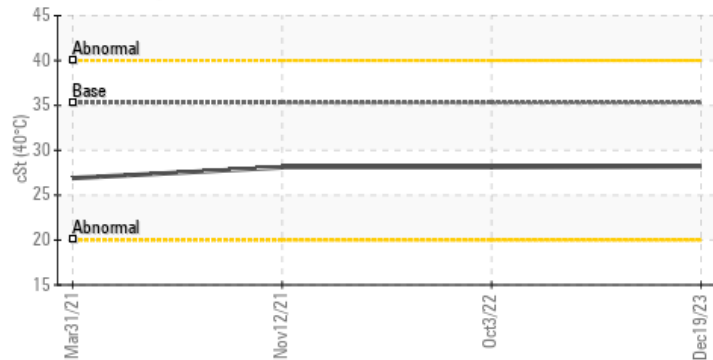
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

