



# CONSTRUCTION EQUIPMENT

GDS MARSUVE 399106 VOLVO L90H 625879 - REAR AXLE



**Sample No:** VCP450428  
**Oil Type:** VOLVO WB 102  
**Job No:** 399106



## SAMPLE INFORMATION

Sample Number	<b>VCP450428</b>	VCP391506	VCP353142	VCP352325
Sample Date	<b>28 Mar 2024</b>	20 Jul 2023	07 Mar 2023	31 Aug 2022
Machine Hours	<b>9566</b>	8057	6508	4363
Oil Hours	<b>0</b>	2000	0	0
Oil Changed	<b>Changed</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>42.2</b>	42.8	46.2	42.0
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>19</b>	33	37	24
Sodium	ppm	<b>&lt;1</b>	1	3	10
Potassium	ppm	<b>&lt;1</b>	2	4	2



## WEAR METALS

Iron	ppm	<b>42</b>	78	150	112
Copper	ppm	<b>15</b>	51	96	49
Lead	ppm	<b>0</b>	1	3	2
Tin	ppm	<b>1</b>	6	12	6
Aluminum	ppm	<b>3</b>	6	8	5
Chromium	ppm	<b>&lt;1</b>	<1	2	2
Molybdenum	ppm	<b>0</b>	<1	1	<1
Nickel	ppm	<b>0</b>	<1	1	<1
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	1	2	4
Vanadium	ppm	<b>0</b>	0	<1	0



## ADDITIVES

Calcium	ppm	<b>4045</b>	4441	4410	4100
Magnesium	ppm	<b>25</b>	20	31	17
Zinc	ppm	<b>1623</b>	1732	1660	1576
Phosphorus	ppm	<b>1270</b>	1511	1422	1381
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>116</b>	125	121	116

## 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:** 5760607  
**Signed:** Kevin Marson  
**Report Date:** 09 Apr 2024



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## GRAPHS

