



# CONSTRUCTION EQUIPMENT

660078 MOSAIC VOLVO A45G 352594 - TRANSMISSION (AUTO)



**Sample No:** VCP428792  
**Oil Type:** VOLVO AT 102  
**Job No:** 660078 MOSAIC



## SAMPLE INFORMATION

Sample Number	<b>VCP428792</b>	VCP0007637	---	---
Sample Date	<b>12 Jan 2024</b>	06 Jun 2023	---	---
Machine Hours	<b>5024</b>	0	---	---
Oil Hours	<b>1500</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	N/A	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.8</b>	30.1	---	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>3</b>	2	---	---
Sodium	ppm	<b>2</b>	3	---	---
Potassium	ppm	<b>0</b>	<1	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>8</b>	15	---	---
Copper	ppm	<b>5</b>	14	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>1</b>	2	---	---
Aluminum	ppm	<b>4</b>	6	---	---
Chromium	ppm	<b>0</b>	0	---	---
Molybdenum	ppm	<b>0</b>	0	---	---
Nickel	ppm	<b>0</b>	2	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>0</b>	<1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>62</b>	33	---	---
Magnesium	ppm	<b>0</b>	0	---	---
Zinc	ppm	<b>0</b>	0	---	---
Phosphorus	ppm	<b>206</b>	217	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>100</b>	107	---	---

**Depot:** VOLVO0093  
**Unique No:** 10862389  
**Signed:** Don Baldrige  
**Report Date:** 07 Feb 2024

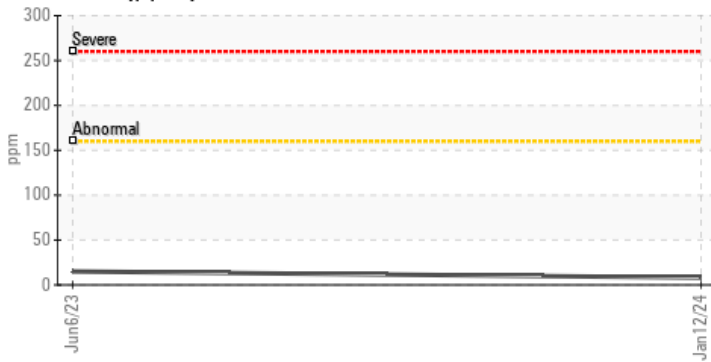


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## GRAPHS

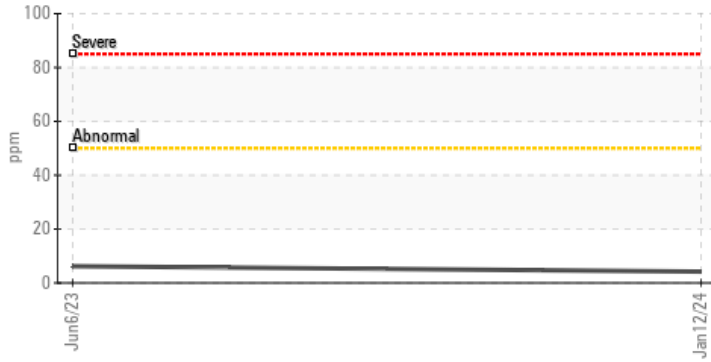
### Iron (ppm)



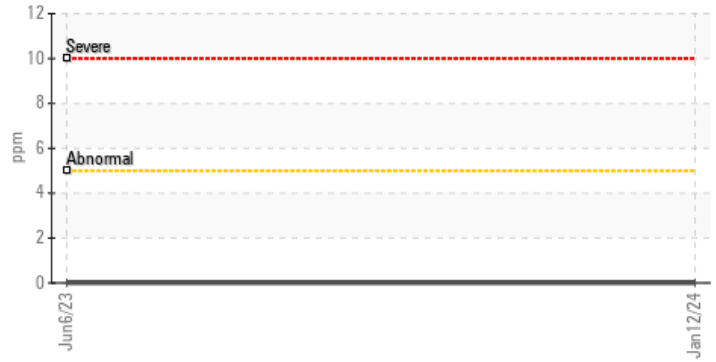
### Lead (ppm)



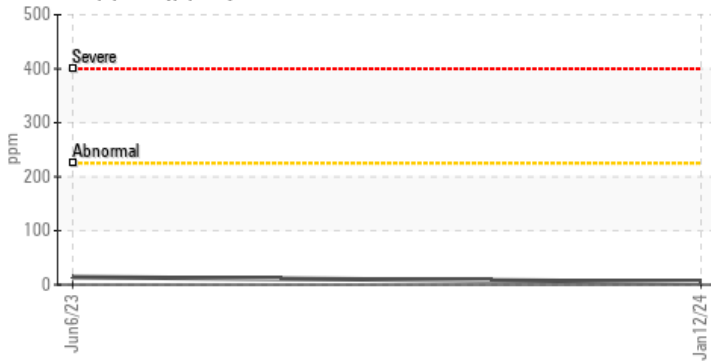
### Aluminum (ppm)



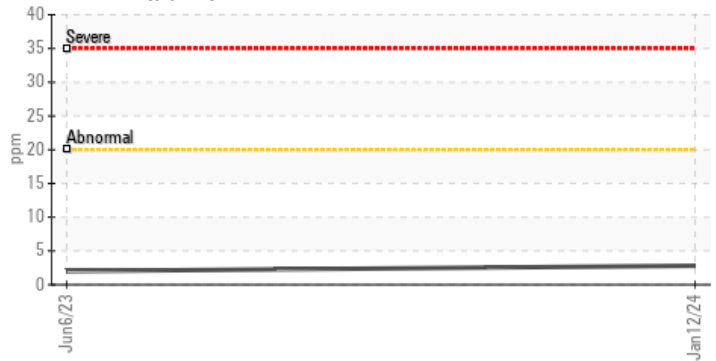
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

