



# CONSTRUCTION EQUIPMENT

SWO-072572 APAC VOLVO L150G 23109 - FRONT AXLE



**Sample No:** VCP443923  
**Oil Type:** VOLVO AT 102  
**Job No:** SWO-072572 APAC



## SAMPLE INFORMATION

Sample Number	VCP443923	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	4217	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY  
BIRMINGHAM, AL  
US 35217  
Contact: BRANTLY CLAY  
bclay@cowin.com  
T:  
F: (205)856-2106



## OIL CONDITION

Visc @ 40°C	cSt	■ 52.1	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 4	---	---	---



## WEAR METALS

Iron	ppm	■ 30	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 3280	---	---	---
Magnesium	ppm	■ 36	---	---	---
Zinc	ppm	■ 1367	---	---	---
Phosphorus	ppm	■ 1105	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 119	---	---	---

### Diagnosis

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

**Depot:** VOLVO8528  
**Unique No:** 11074380  
**Signed:** Don Baldrige  
**Report Date:** 13 Jun 2024

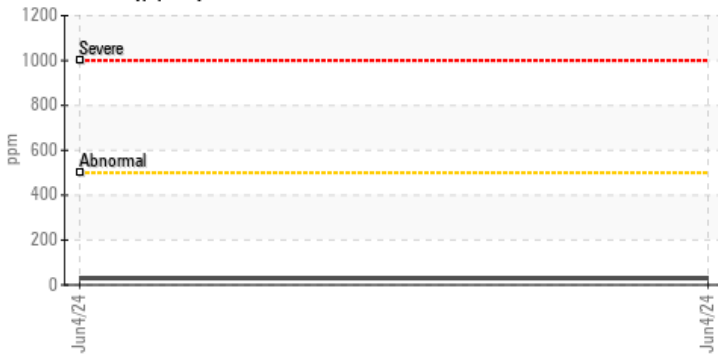


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## GRAPHS

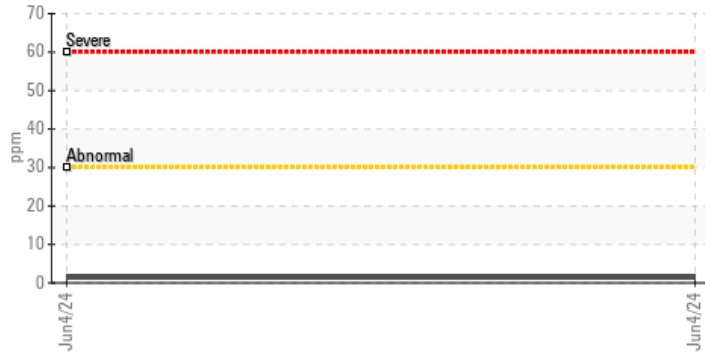
### Iron (ppm)



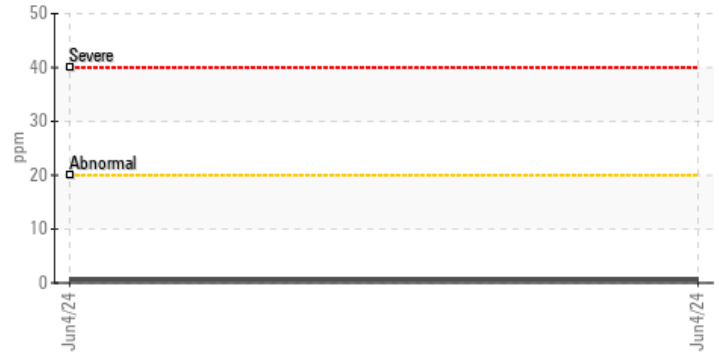
### Lead (ppm)



### Aluminum (ppm)



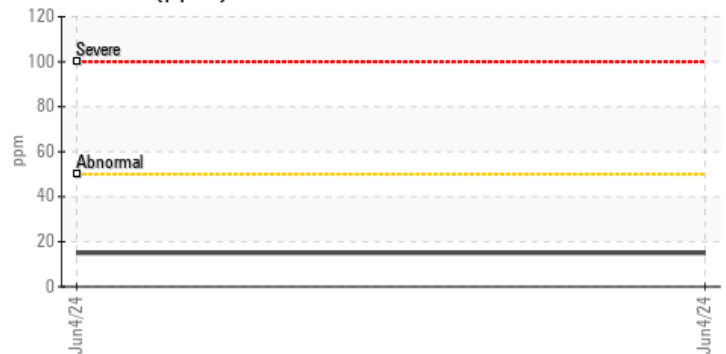
### Chromium (ppm)



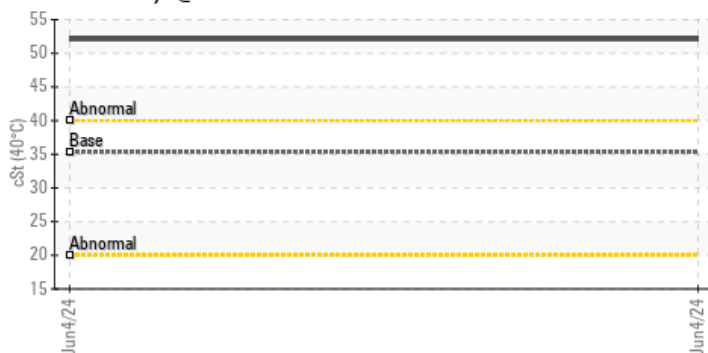
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

