



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352808 - TRANSMISSION (AUTO)



**Sample No:** VCP412292  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP412292	VCP343033	---	---
Sample Date	22 Aug 2023	23 Jan 2022	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
 Contact: TODD LARK  
 tlark@altaequipfl.com  
 T:  
 F: (239)481-3302



### OIL CONDITION

Visc @ 40°C	cSt	█ 28.7	█ 28.4	---	---
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### CONTAMINATION

Silicon	ppm	█ 9	█ 14	---	---
Sodium	ppm	█ 4	█ 0	---	---
Potassium	ppm	█ 3	█ 4	---	---



### WEAR METALS

Iron	ppm	█ 72	█ 36	---	---
Copper	ppm	█ 33	█ 18	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 6	█ 3	---	---
Aluminum	ppm	█ 37	█ 13	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 4	█ 2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ 0	█ <1	---	---
Manganese	ppm	█ 3	█ 3	---	---
Vanadium	ppm	0	0	---	---



### ADDITIVES

Calcium	ppm	█ 78	█ 77	---	---
Magnesium	ppm	█ 3	█ 5	---	---
Zinc	ppm	█ 39	█ 0	---	---
Phosphorus	ppm	█ 210	█ 183	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 72	█ 72	---	---

### 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.

**Depot:** VOLVO0090  
**Unique No:** 10630007  
**Signed:** Wes Davis  
**Report Date:** 31 Aug 2023

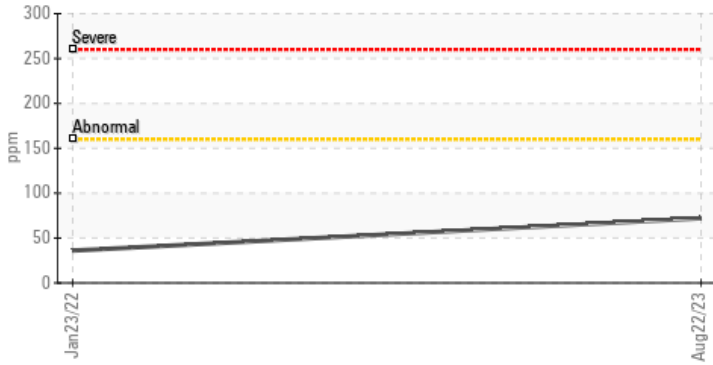


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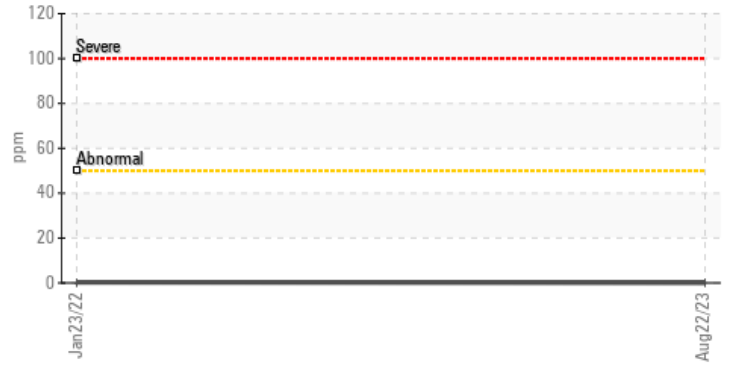


## GRAPHS

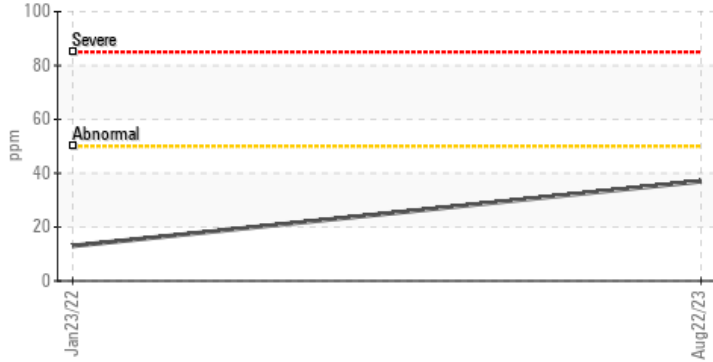
### Iron (ppm)



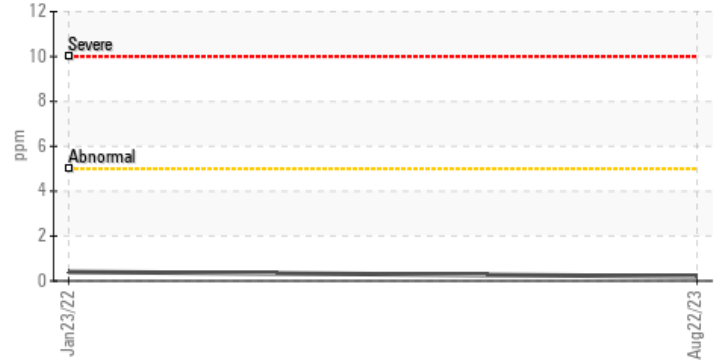
### Lead (ppm)



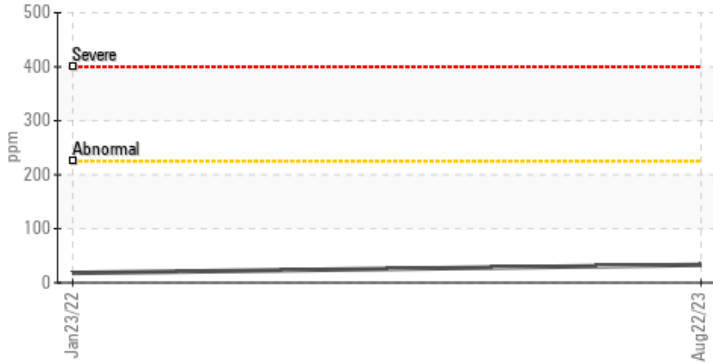
### Aluminum (ppm)



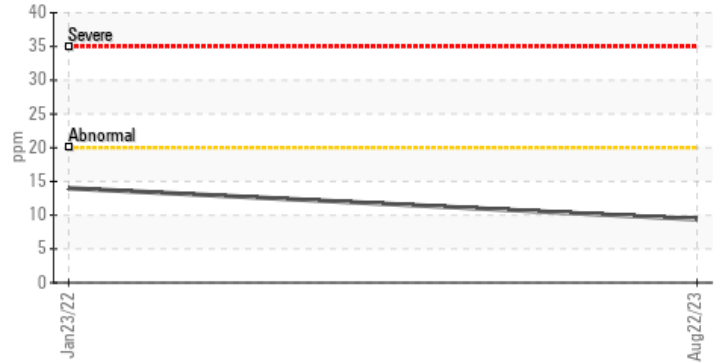
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

