



# CONSTRUCTION EQUIPMENT

## A09082 VOLVO A40G 341662 - TRANSMISSION (AUTO)



**Sample No:** VCP385808  
**Oil Type:** MOBIL AT 102  
**Job No:** A09082



### SAMPLE INFORMATION

Sample Number	<b>VCP385808</b>	VCP295762	---	---
Sample Date	<b>09 Nov 2022</b>	09 Aug 2021	---	---
Machine Hours	<b>6440</b>	5380	---	---
Oil Hours	<b>2000</b>	1000	---	---
Oil Changed	<b>Not Changd</b>	Not Changd	---	---
Sample Status	<b>ABNORMAL</b>	NORMAL	---	---

**K C CONSTRUCTION**  
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 T: (267)784-7337  
 F: x:



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.4</b>	28.7	---	---
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### CONTAMINATION

Silicon	ppm	<b>6</b>	5	---	---
Sodium	ppm	<b>2</b>	2	---	---
Potassium	ppm	<b>2</b>	<1	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. 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>47</b>	39	---	---
Copper	ppm	<b>60</b>	59	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>6</b>	5	---	---
Aluminum	ppm	<b>14</b>	7	---	---
Chromium	ppm	<b>0</b>	<1	---	---
Molybdenum	ppm	<b>&lt;1</b>	<1	---	---
Nickel	ppm	<b>8</b>	9	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	<1	---	---
Manganese	ppm	<b>&lt;1</b>	<1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>53</b>	75	---	---
Magnesium	ppm	<b>2</b>	<1	---	---
Zinc	ppm	<b>8</b>	7	---	---
Phosphorus	ppm	<b>199</b>	216	---	---
Barium	ppm	<b>2</b>	0	---	---
Boron	ppm	<b>94</b>	117	---	---

**Depot:** KCCIVY  
**Unique No:** 10227383  
**Signed:** Sean Felton  
**Report Date:** 21 Nov 2022

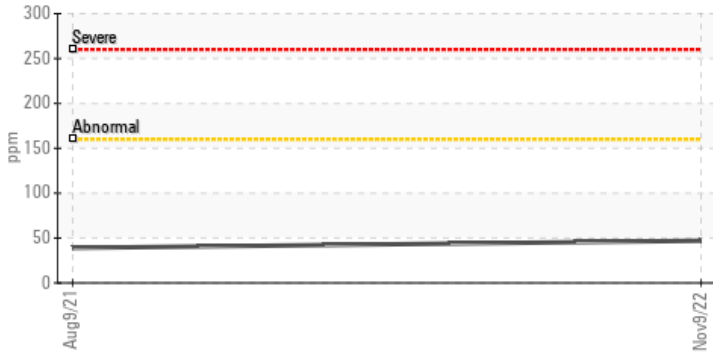


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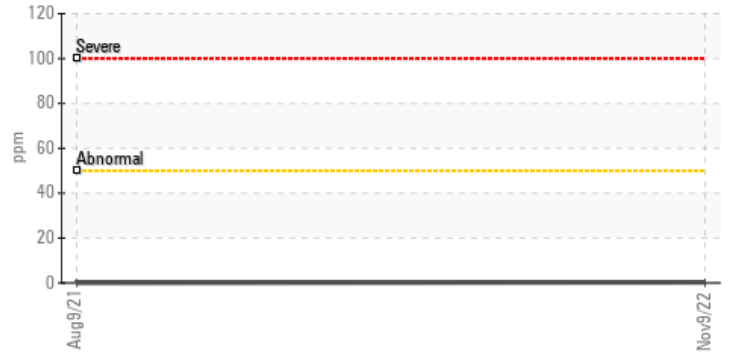


## GRAPHS

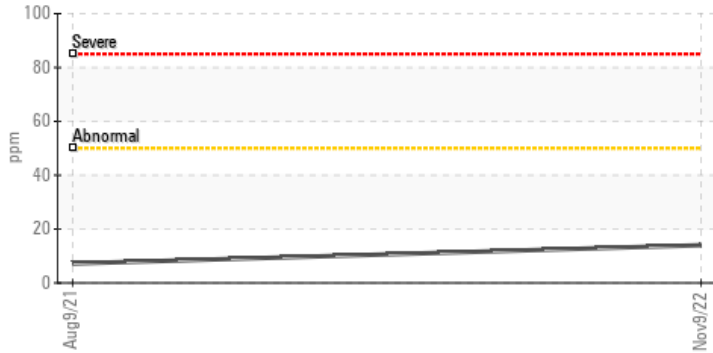
### Iron (ppm)



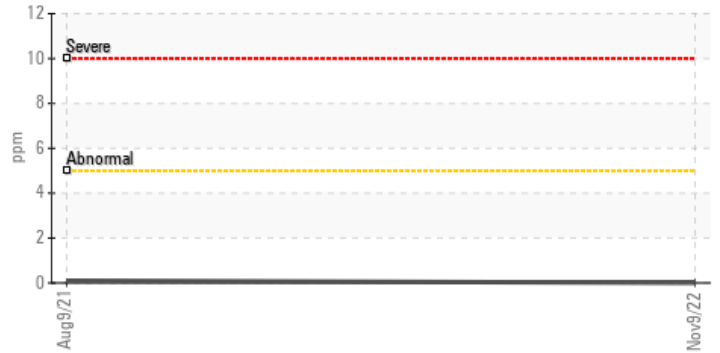
### Lead (ppm)



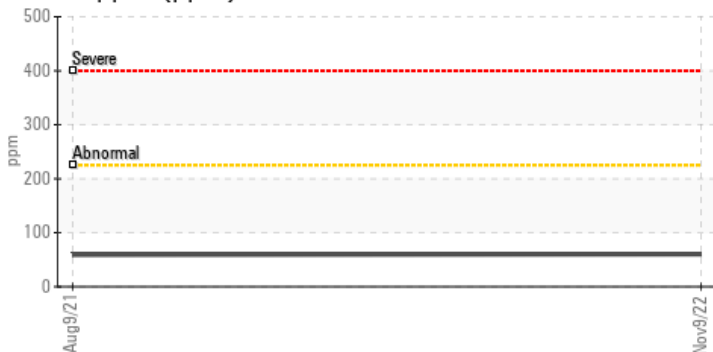
### Aluminum (ppm)



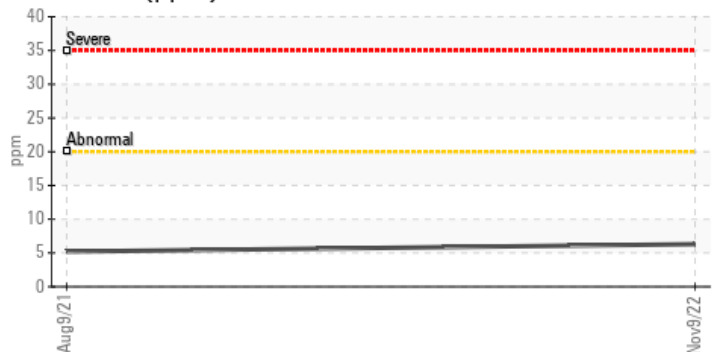
### Chromium (ppm)



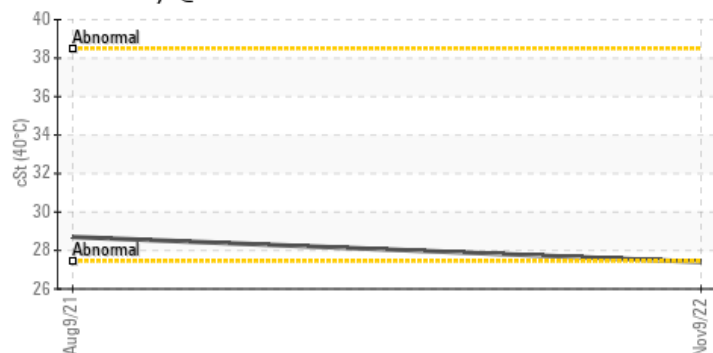
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

