



# CONSTRUCTION EQUIPMENT

## 707539-01 VOLVO G946C 585020 - TRANSMISSION (AUTO)



**Sample No:** VCE245302  
**Oil Type:** VOLVO AT 102  
**Job No:** 707539-01



### SAMPLE INFORMATION

Sample Number	VCE245302	---	---	---
Sample Date	08 Jan 2015	---	---	---
Machine Hours	22	---	---	---
Oil Hours	22	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT

54 IBER ROAD  
 OTTAWA, ON  
 CA K2S 1E8  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 30.2	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

### Diagnosis

Resample at the next service interval to monitor. The wear metal levels do not reflect the reported failure. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 211	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 72	---	---	---
Phosphorus	ppm	█ 221	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 71	---	---	---

**Depot:** SHESTI  
**Unique No:** 4053298  
**Signed:** Kevin Marson  
**Report Date:** 19 Jan 2015

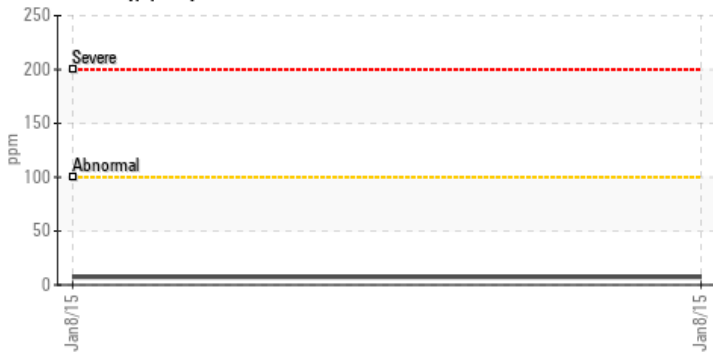


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## GRAPHS

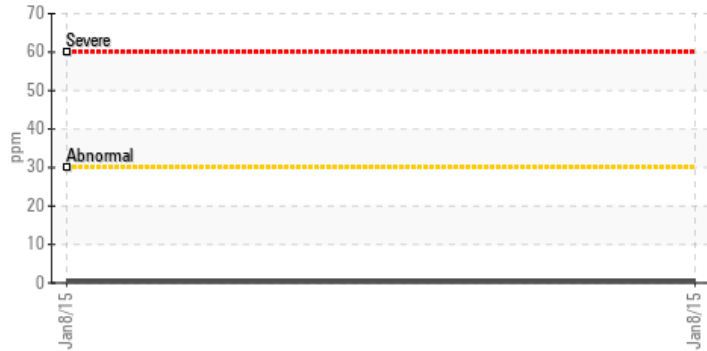
### Iron (ppm)



### Lead (ppm)



### Aluminum (ppm)



### Chromium (ppm)



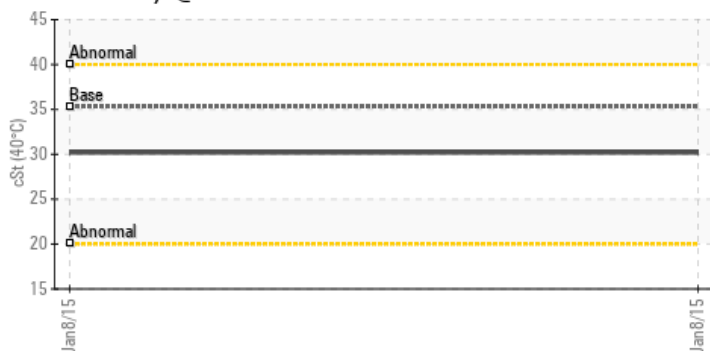
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

