



# CONSTRUCTION EQUIPMENT

G61536 PIKE IND VOLVO A45G 353261 - TRANSMISSION (AUTO)



**Sample No:** VCE73716  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** G61536 PIKE IND



## SAMPLE INFORMATION

Sample Number	VCE73716	---	---	---
Sample Date	11 May 2024	---	---	---
Machine Hours	3454	---	---	---
Oil Hours	3454	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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 T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 30.5	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 47	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 13	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 52	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 12	---	---	---
Phosphorus	ppm	█ 249	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 119	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect the reported failure. There is a moderate amount of visible silt present in the sample. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO0049  
**Unique No:** 11036720  
**Signed:** Jonathan Hester  
**Report Date:** 23 May 2024

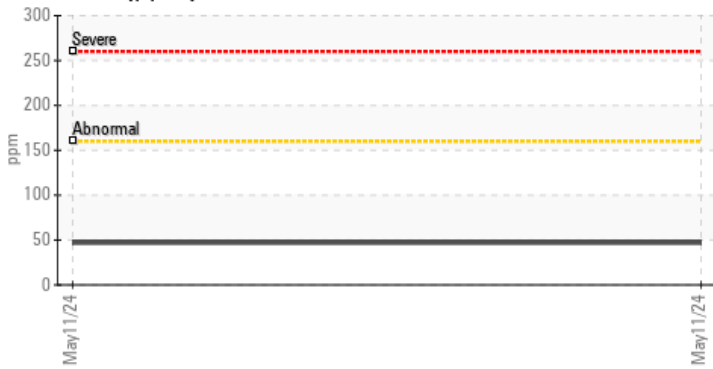


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## GRAPHS

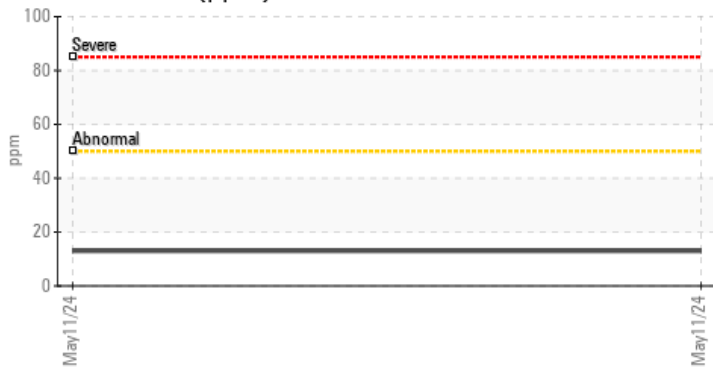
### Iron (ppm)



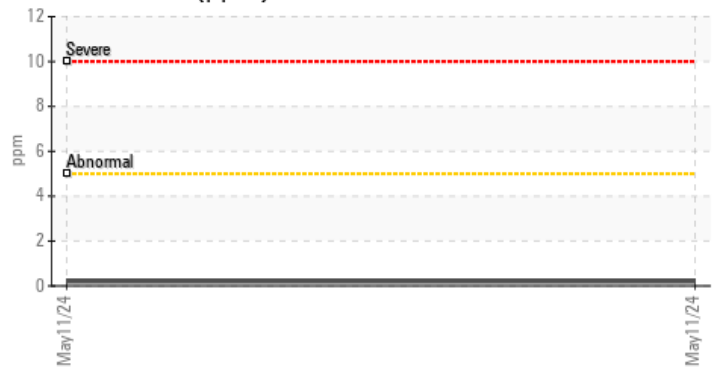
### Lead (ppm)



### Aluminum (ppm)



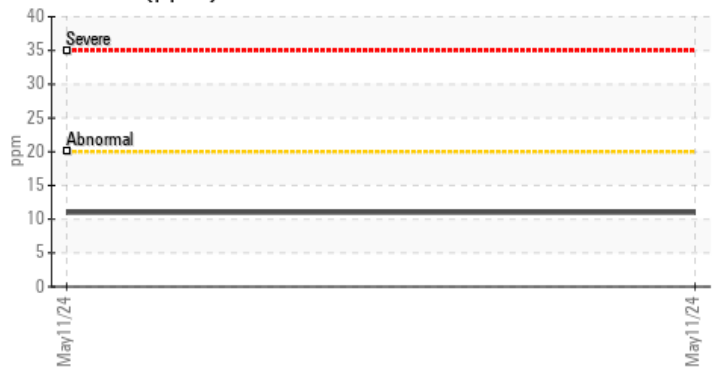
### Chromium (ppm)



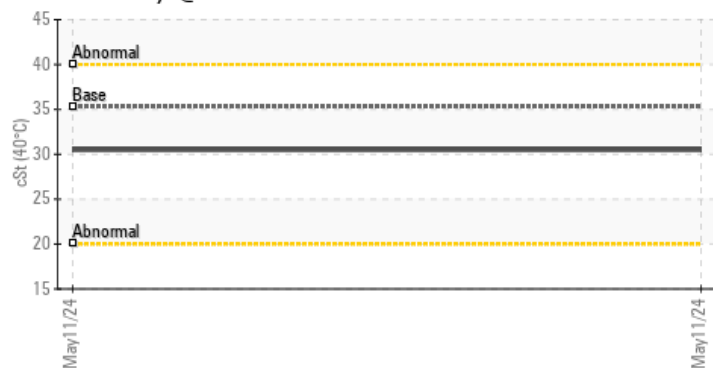
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

