



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352700 - WET DISC BRAKE



**Sample No:** VCP446520  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:**



**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
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### SAMPLE INFORMATION

Sample Number	VCP446520	---	---	---
Sample Date	11 Jul 2024	---	---	---
Machine Hours	4716	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 41.3	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 26	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 2	---	---	---



### WEAR METALS

Iron	ppm	▲ 120	---	---	---
Copper	ppm	▲ 171	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 7	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 3332	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 1403	---	---	---
Phosphorus	ppm	█ 1336	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 113	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. The iron level is abnormal. Elemental level of silicon (Si) above normal. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0090  
**Unique No:** 11125332  
**Signed:** Don Baldrige  
**Report Date:** 17 Jul 2024

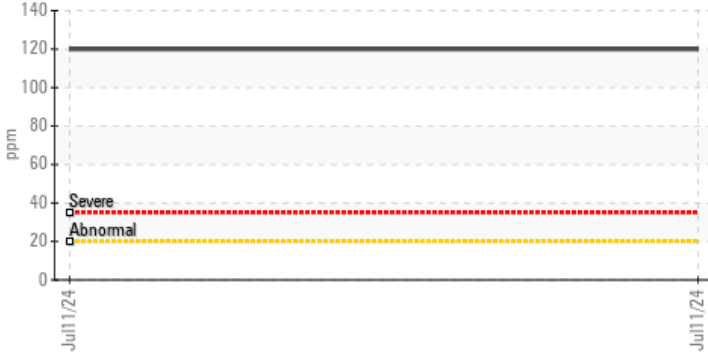


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## GRAPHS

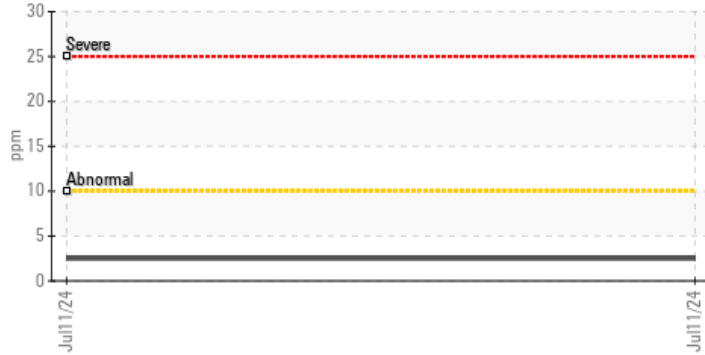
### ▲ Iron (ppm)



### Lead (ppm)



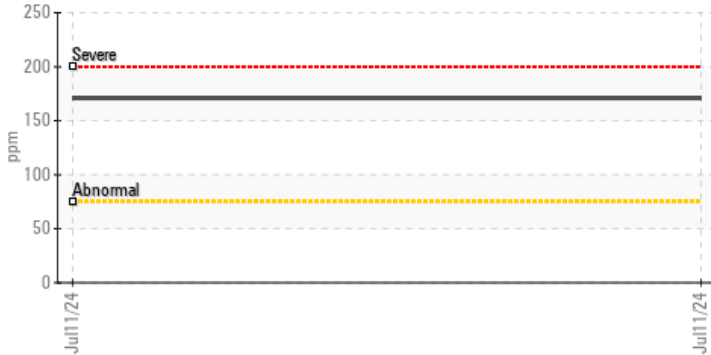
### Aluminum (ppm)



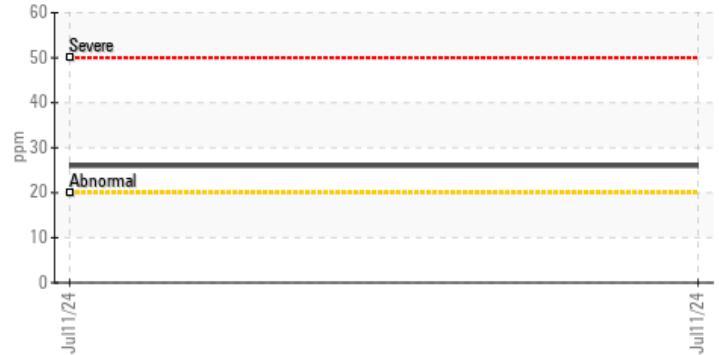
### Chromium (ppm)



### ▲ Copper (ppm)



### ▲ Silicon (ppm)



### Viscosity @ 40°C



### Additives

