



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 353279 - WET DISC BRAKE



**Sample No:** VCP419567  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP419567	---	---	---
Sample Date	21 Nov 2023	---	---	---
Machine Hours	2605	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**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	█ 40.5	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 21	---	---	---
Sodium	ppm	█ 13	---	---	---
Potassium	ppm	█ 0	---	---	---

### Diagnosis

We advise that you check all areas where dirt can enter the system. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Copper and iron ppm levels are abnormal. Elemental level of silicon (Si) above normal. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	▲ 36	---	---	---
Copper	ppm	▲ 167	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 3531	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 1554	---	---	---
Phosphorus	ppm	█ 1323	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 111	---	---	---

**Depot:** VOLVO0090  
**Unique No:** 10764296  
**Signed:** Angela Borella  
**Report Date:** 01 Dec 2023

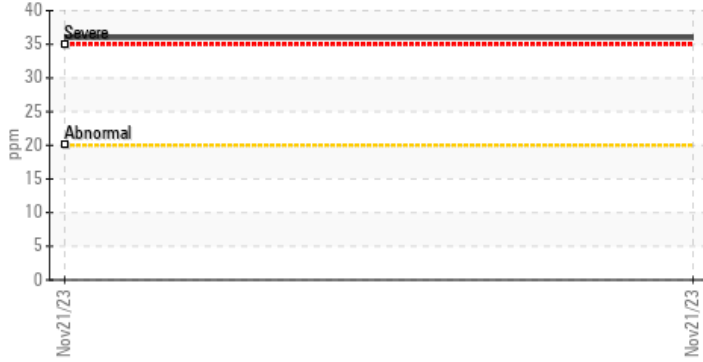


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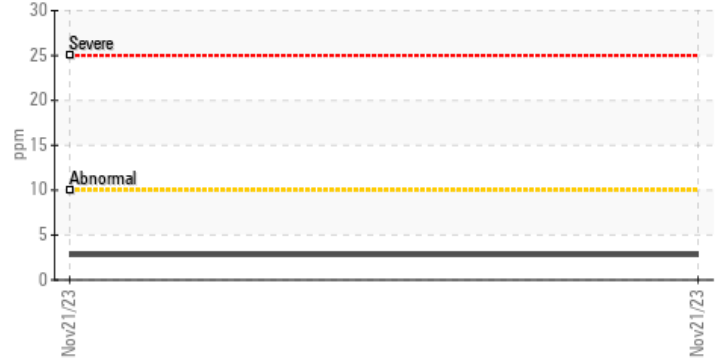


## GRAPHS

### ▲ Iron (ppm)



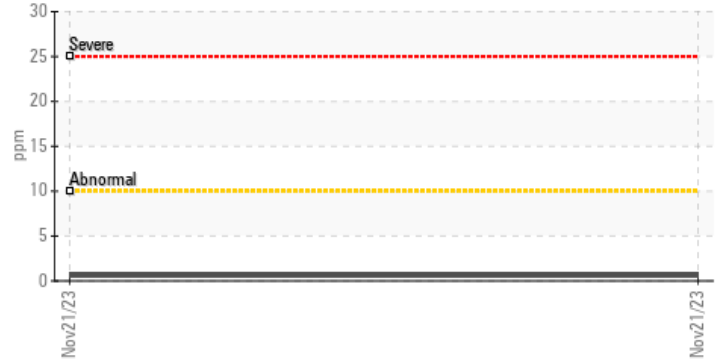
### Lead (ppm)



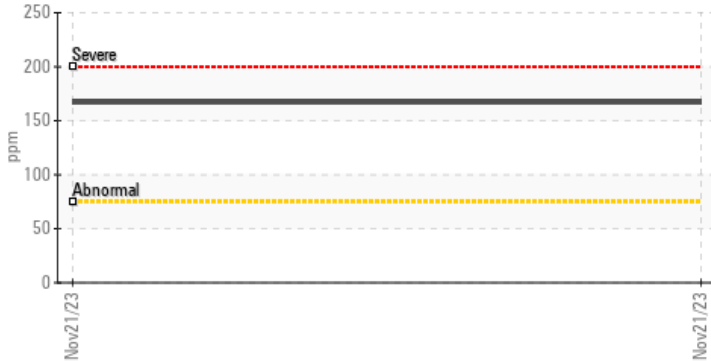
### Aluminum (ppm)



### Chromium (ppm)



### ▲ Copper (ppm)



### ▲ Silicon (ppm)



### Viscosity @ 40°C



### Additives

