



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 753485 - BRAKE COOLING SYSTEM



**Sample No:** VCP451246  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP451246	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	1123	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	█ 43.9	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 2	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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	█ 12	---	---	---
Copper	ppm	█ 95	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 3891	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 1510	---	---	---
Phosphorus	ppm	█ 1254	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 125	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 11099835  
**Signed:** Don Baldrige  
**Report Date:** 28 Jun 2024

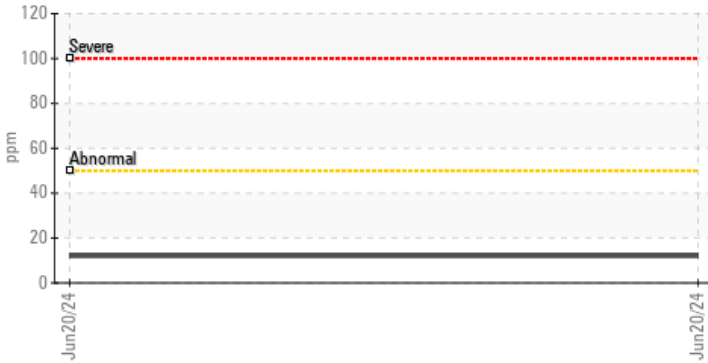


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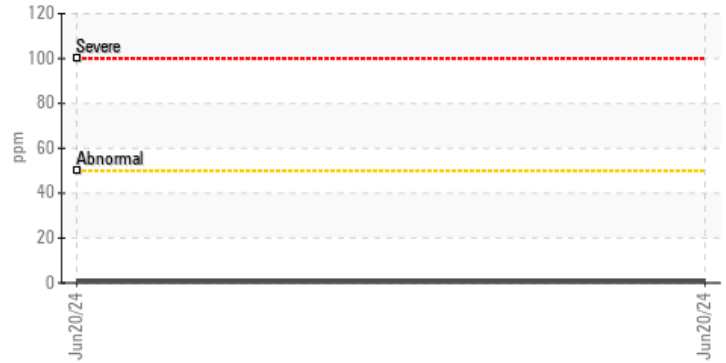


## GRAPHS

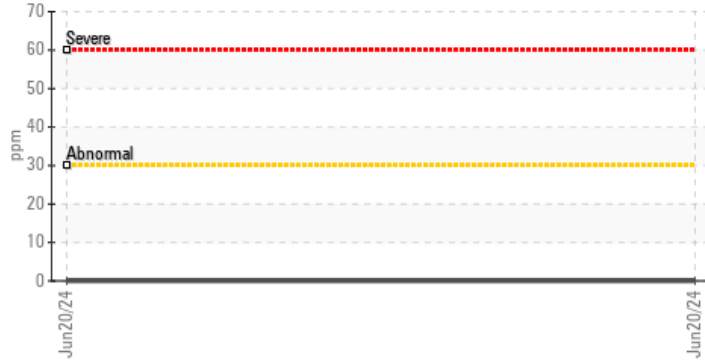
### Iron (ppm)



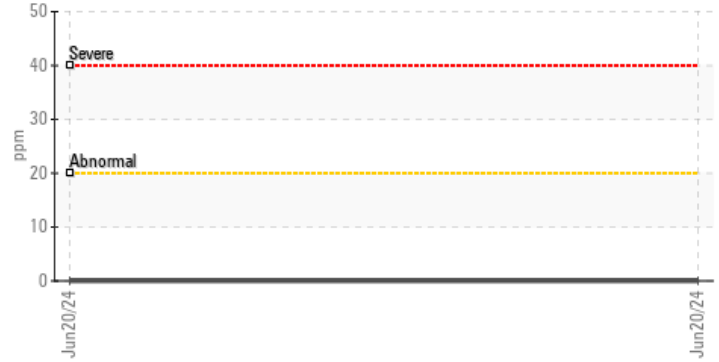
### Lead (ppm)



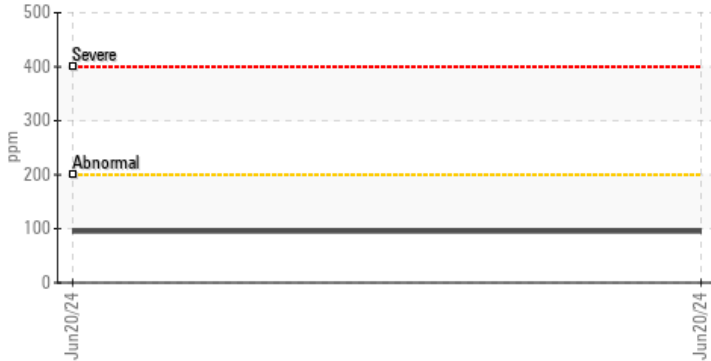
### Aluminum (ppm)



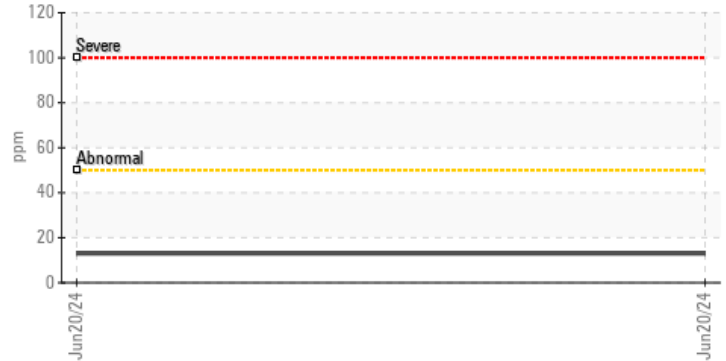
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

