



# CONSTRUCTION EQUIPMENT

527926-20 VOLVO L90H 627131 - FRONT AXLE



**Sample No:** VCP446082

**Oil Type:** VOLVO

**Job No:** 527926-20



## SAMPLE INFORMATION

Sample Number	VCP446082	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	755	---	---	---
Oil Hours	755	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
 9601 BOGGY CREEK RD  
 ORLANDO, FL  
 US 32824  
 Contact: BRAD BYRO  
 bradley.byro@altg.com  
 T: (407)850-9614  
 F: (407)659-8720



## OIL CONDITION

Visc @ 40°C	cSt	█ 42.0	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 43	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	15	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	8	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	4184	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	1690	---	---	---
Phosphorus	ppm	1454	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	149	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0096  
**Unique No:** 10966562  
**Signed:** Don Baldrige  
**Report Date:** 10 Apr 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

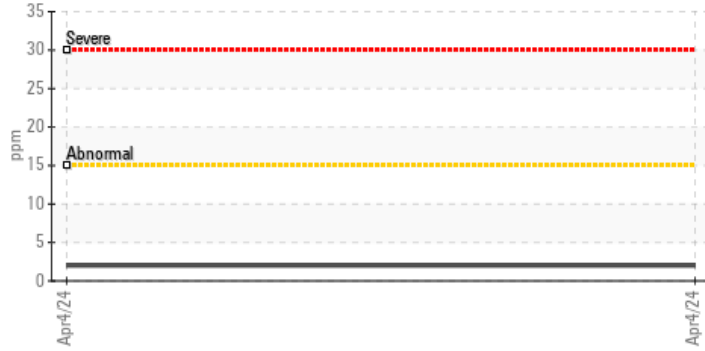
### Iron (ppm)



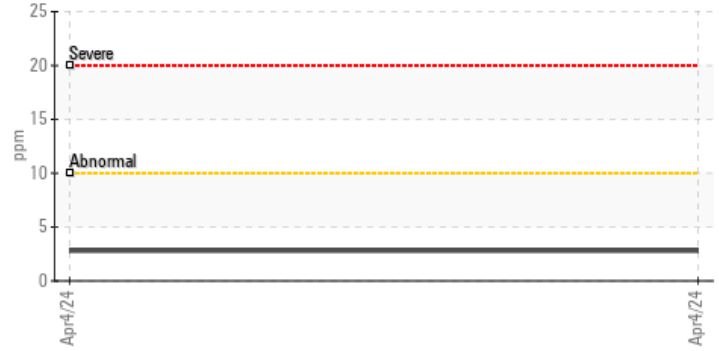
### Lead (ppm)



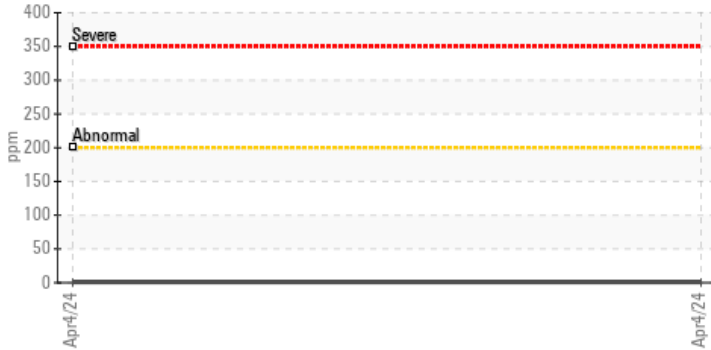
### Aluminum (ppm)



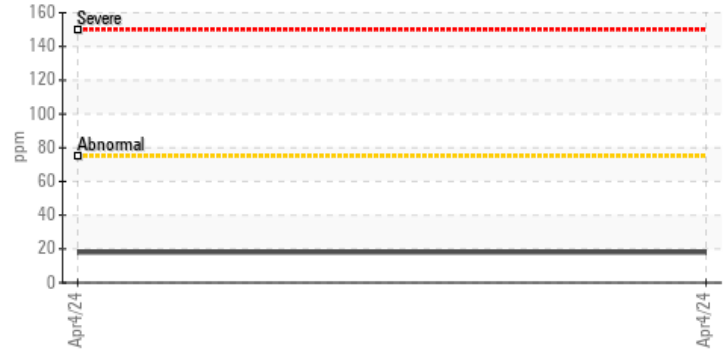
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

