



# CONSTRUCTION EQUIPMENT

## X11169 VOLVO L90H 626888 - REAR AXLE



**Sample No:** VCP444105  
**Oil Type:** TRANSAXLE OIL SAE 75W80  
**Job No:** X11169



**SCOTT EQUIPMENT COMPANY LLC - Texarkana**  
 5401 SANDERSON LANE  
 TEXARKANA, AR  
 US 71854  
 Contact: JAMES DOSS  
 jdoss@scottcompanies.com  
 T:  
 F:



### SAMPLE INFORMATION

Sample Number	VCP444105	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 41.5	---	---	---
-------------	-----	--------	-----	-----	-----



### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 4	---	---	---



### WEAR METALS

Iron	ppm	█ 56	---	---	---
Copper	ppm	▲ 286	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	▲ 31	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 3724	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 1541	---	---	---
Phosphorus	ppm	█ 1289	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 128	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO1034  
**Unique No:** 10883383  
**Signed:** Don Baldrige  
**Report Date:** 17 Feb 2024



# CONSTRUCTION EQUIPMENT

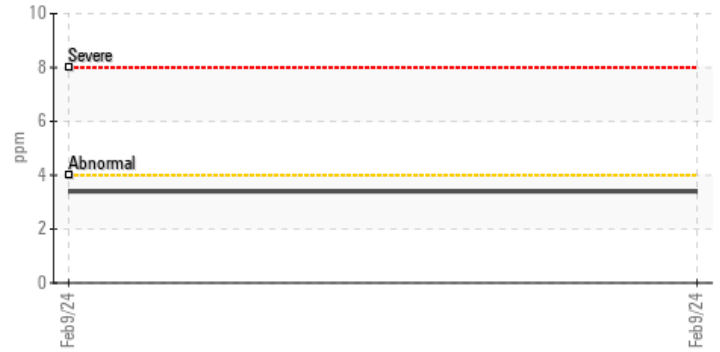


## GRAPHS

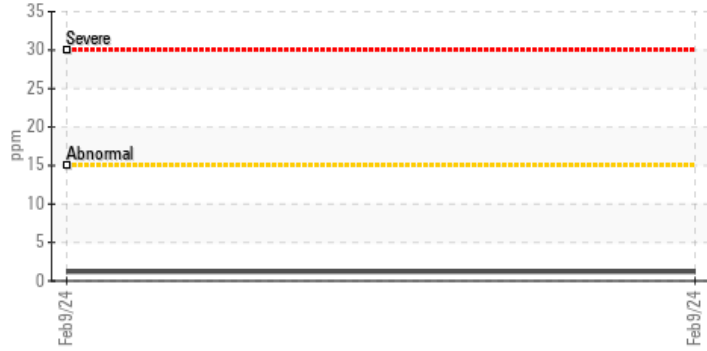
### Iron (ppm)



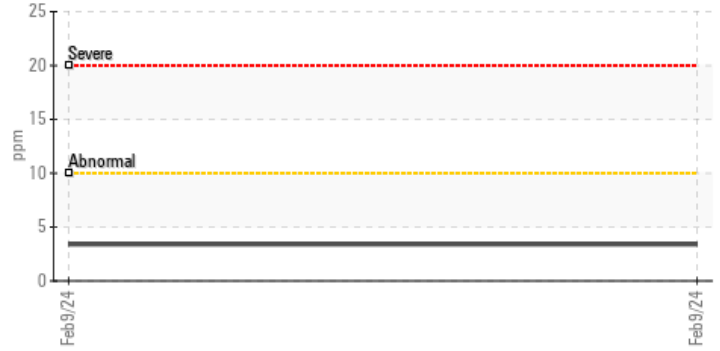
### Lead (ppm)



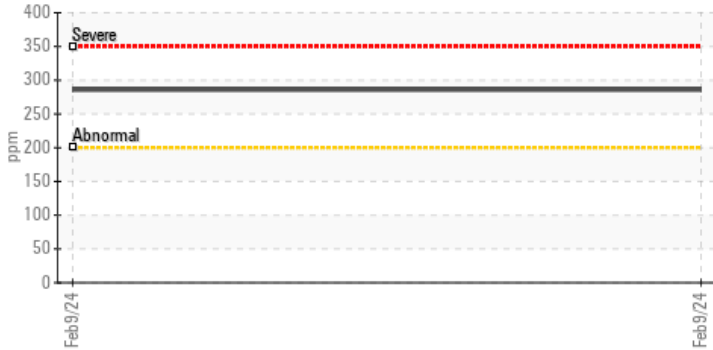
### Aluminum (ppm)



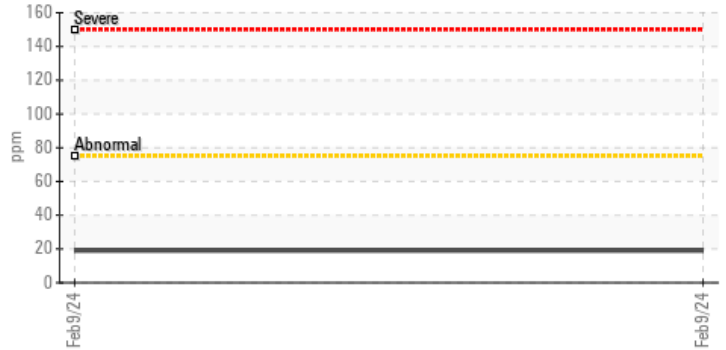
### Chromium (ppm)



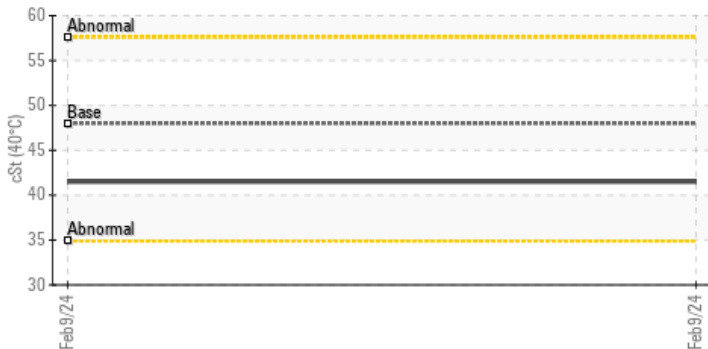
### ▲ Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

