



# CONSTRUCTION EQUIPMENT

SW-29953 SEG 1 RANGO VOLVO R100E 121019 - FRONT RIGHT HUB



**Sample No:** VCP442459  
**Oil Type:** GEAR OIL LS 80W90  
**Job No:** SW-29953 SEG 1 RANGO



## SAMPLE INFORMATION

Sample Number	VCP442459	---	---	---
Sample Date	26 Feb 2024	---	---	---
Machine Hours	3292	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 151	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	30	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 15	---	---	---

## 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.



## WEAR METALS

Iron	ppm	█ 61	---	---	---
Copper	ppm	< 1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	< 1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 267	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 45	---	---	---
Phosphorus	ppm	553	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	19	---	---	---

**Depot:** VOLVO8770  
**Unique No:** 10903730  
**Signed:** Don Baldrige  
**Report Date:** 04 Mar 2024

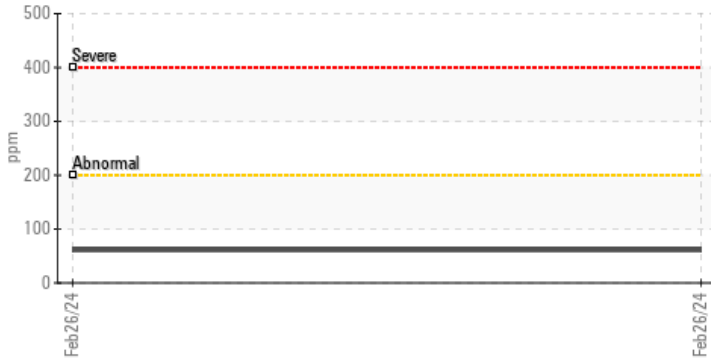


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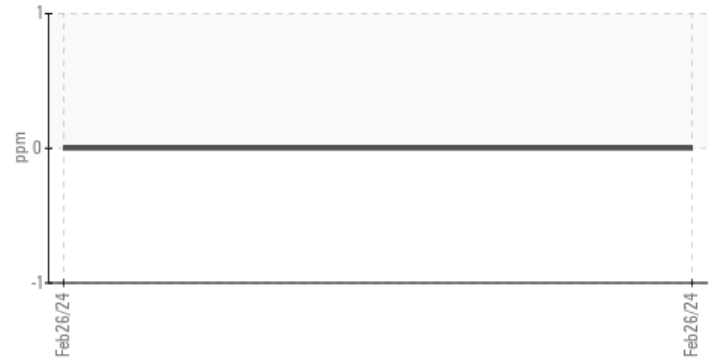


## GRAPHS

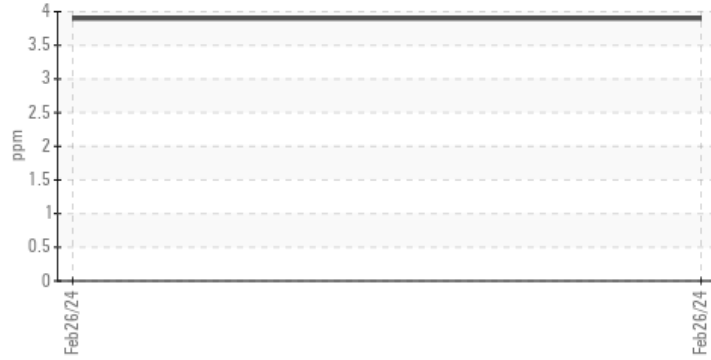
### Iron (ppm)



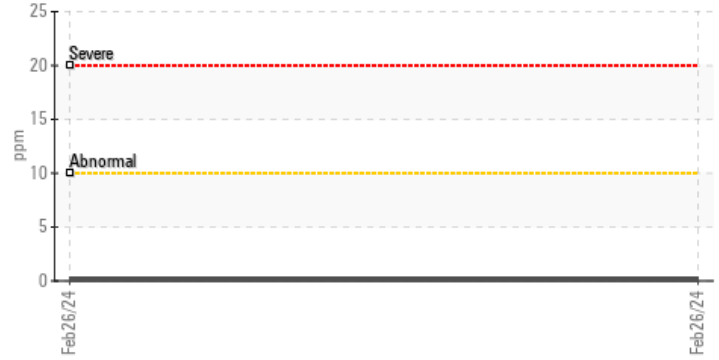
### Lead (ppm)



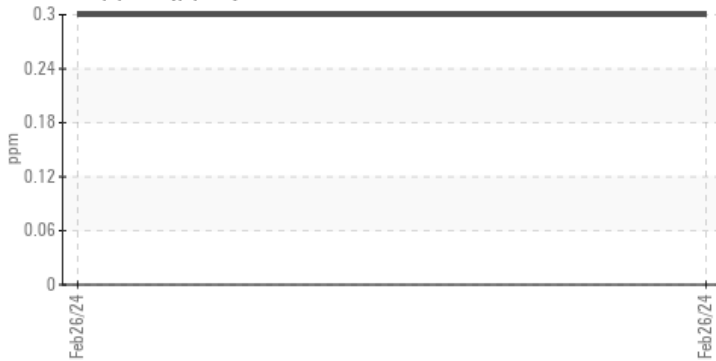
### Aluminum (ppm)



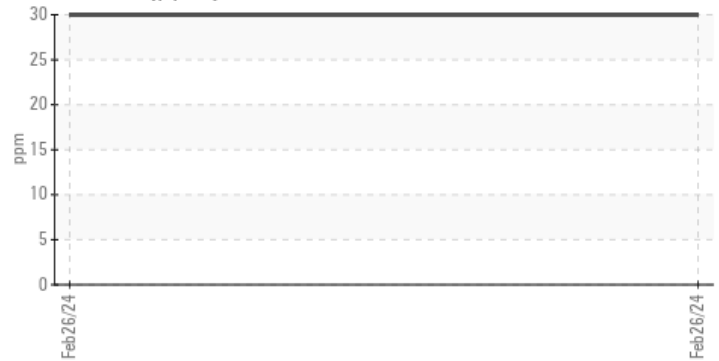
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

