



# CONSTRUCTION EQUIPMENT

SW30008 VOLVO EC950FL 410035 - POWER TAKE OFF



**Sample No:** VCP320685  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SW30008



## SAMPLE INFORMATION

Sample Number	VCP320685	---	---	---
Sample Date	15 Feb 2024	---	---	---
Machine Hours	2000	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**ARNOLD MACHINERY COMPANY**  
3330 NORTH YELLOWSTONE HIGHWAY  
IDAHO FALLS, ID  
US 83401  
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T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 246	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <1	---	---	---

## 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	█ 257	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 12	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 102	---	---	---
Phosphorus	ppm	█ 975	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 95	---	---	---

**Depot:** VOLVO0077  
**Unique No:** 10898666  
**Signed:** Jonathan Hester  
**Report Date:** 28 Feb 2024

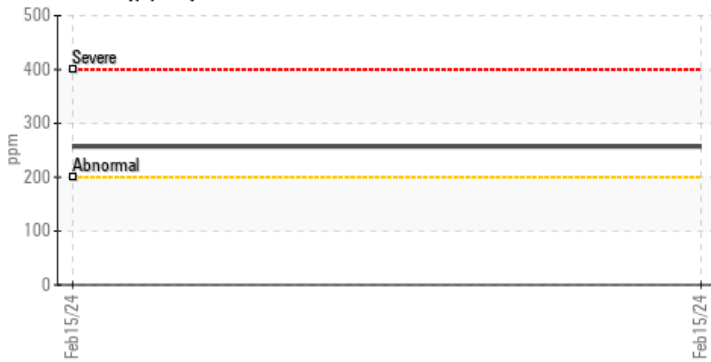


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## GRAPHS

### Iron (ppm)



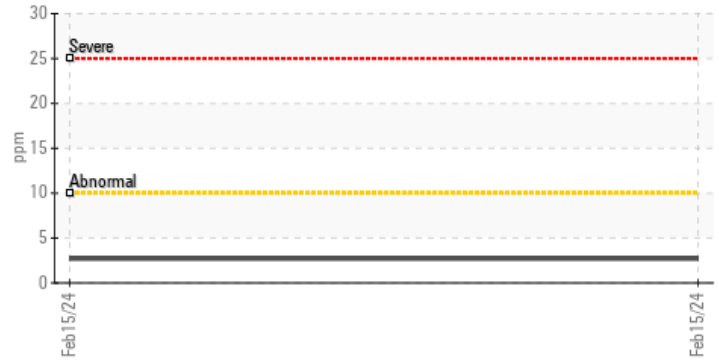
### Lead (ppm)



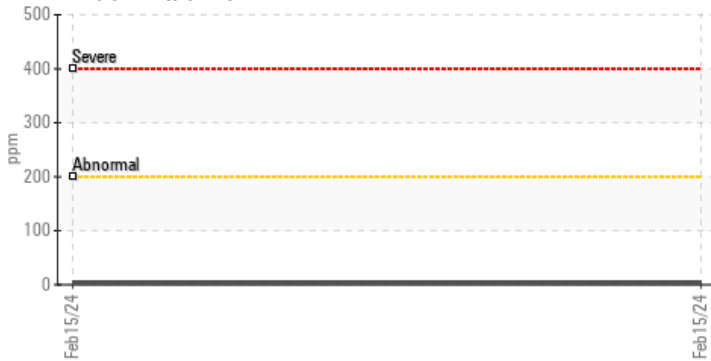
### Aluminum (ppm)



### Chromium (ppm)



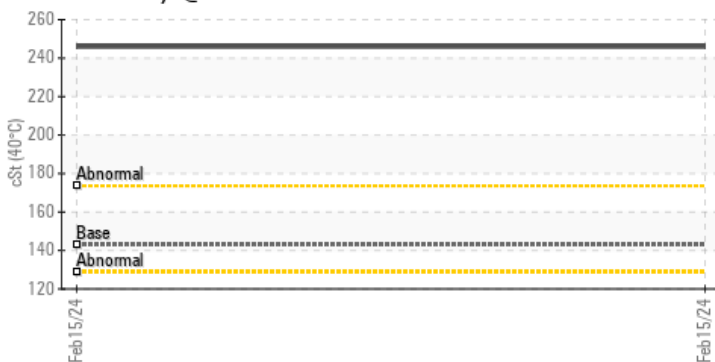
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

