



# CONSTRUCTION EQUIPMENT

SPM621075 FERROUS SENNEBOGEN 830 830.0.2885 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP431444  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SPM621075 FERROUS



## SAMPLE INFORMATION

Sample Number	VCP431444	VCP316373	---	---
Sample Date	24 Oct 2023	19 Feb 2021	---	---
Machine Hours	4786	1212	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 133	▲ 55.4	---	---
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## CONTAMINATION

Silicon	ppm	█ <1	█ 8	---	---
Sodium	ppm	█ 2	█ 18	---	---
Potassium	ppm	█ <1	█ 0	---	---



## WEAR METALS

Iron	ppm	█ 8	█ 17	---	---
Copper	ppm	█ <1	█ 11	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 0	█ <1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 1	█ <1	---	---
Nickel	ppm	█ 0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 0	█ 2	---	---
Vanadium	ppm	0	1	---	---



## ADDITIVES

Calcium	ppm	█ 82	█ 3665	---	---
Magnesium	ppm	█ 8	█ 12	---	---
Zinc	ppm	█ 48	█ 1421	---	---
Phosphorus	ppm	█ 799	█ 1066	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 114	█ 98	---	---

## 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:** VOLVO5023  
**Unique No:** 10727768  
**Signed:** Wes Davis  
**Report Date:** 07 Nov 2023

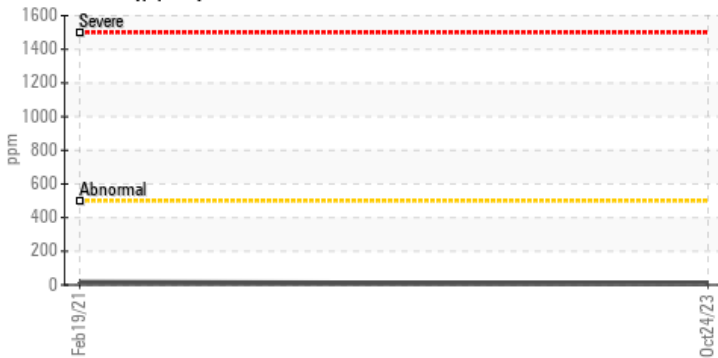


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## GRAPHS

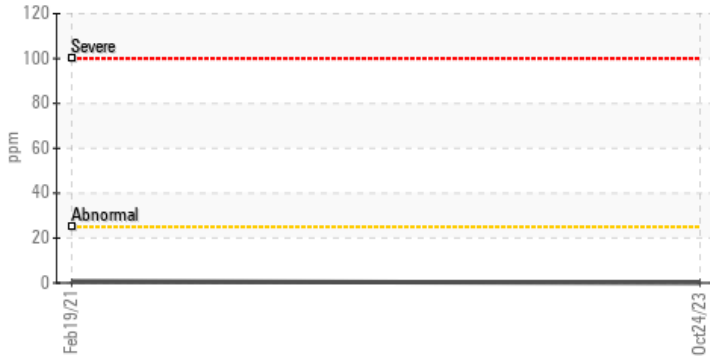
### Iron (ppm)



### Lead (ppm)



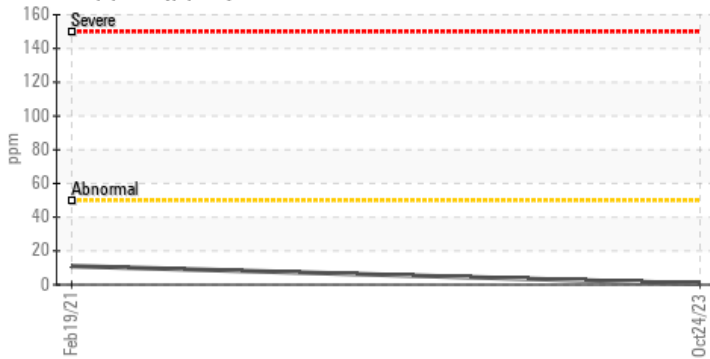
### Aluminum (ppm)



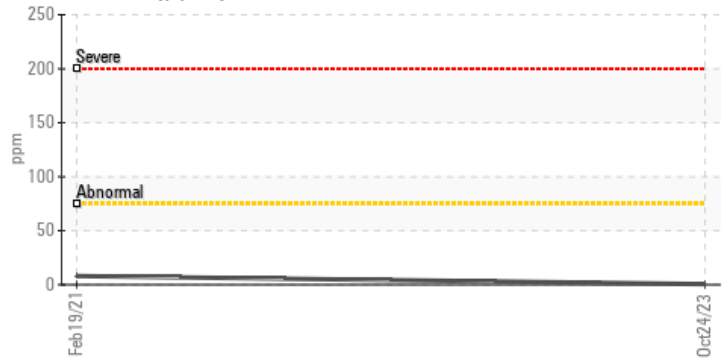
### Chromium (ppm)



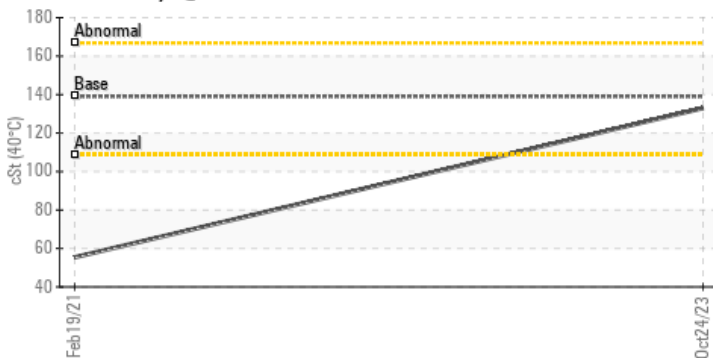
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

