



# CONSTRUCTION EQUIPMENT

G08260 COVIA VOLVO L220F 8070 - TRANSMISSION



**Sample No:** VCP435225  
**Oil Type:** {unknown}  
**Job No:** G08260 COVIA



**HOFFMAN EQUIPMENT - DEPTFORD**  
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## SAMPLE INFORMATION

Sample Number	VCP435225	VCP386444	---	---
Sample Date	05 Jan 2024	24 Mar 2023	---	---
Machine Hours	23144	22371	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



## OIL CONDITION

Visc @ 40°C	cSt	34.1	28.4	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	18	---	---
Sodium	ppm	4	8	---	---
Potassium	ppm	11	31	---	---



## WEAR METALS

Iron	ppm	17	36	---	---
Copper	ppm	16	6	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	3	6	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	4	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	1173	191	---	---
Magnesium	ppm	47	37	---	---
Zinc	ppm	542	98	---	---
Phosphorus	ppm	572	260	---	---
Barium	ppm	0	0	---	---
Boron	ppm	93	60	---	---

## 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:** VOLVO8880  
**Unique No:** 10829894  
**Signed:** Don Baldrige  
**Report Date:** 14 Jan 2024

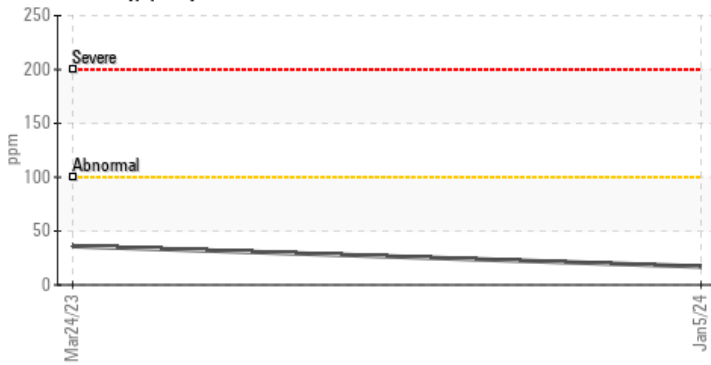


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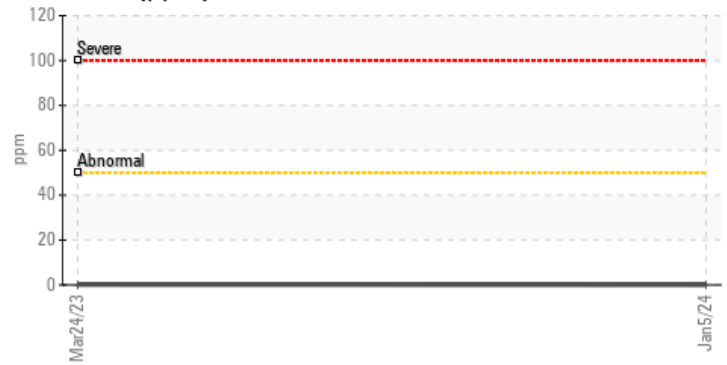


## GRAPHS

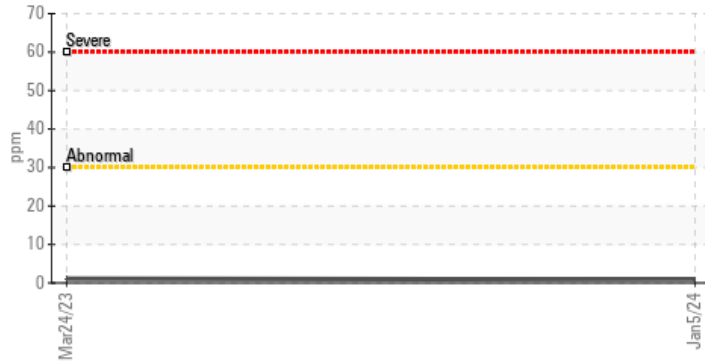
### Iron (ppm)



### Lead (ppm)



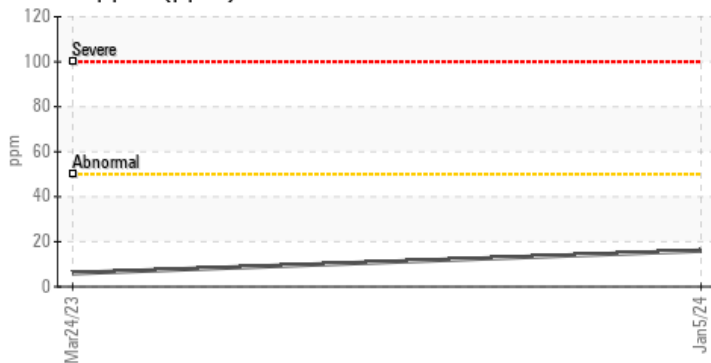
### Aluminum (ppm)



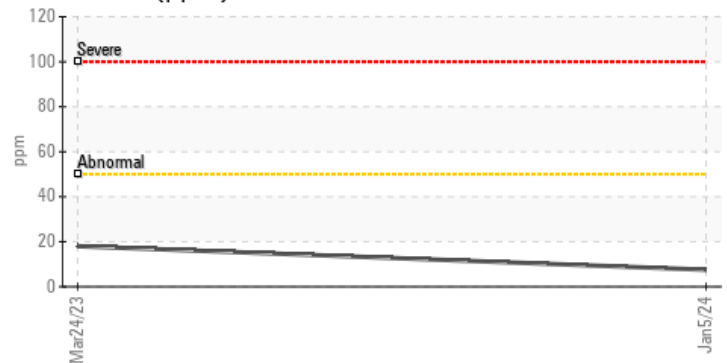
### Chromium (ppm)



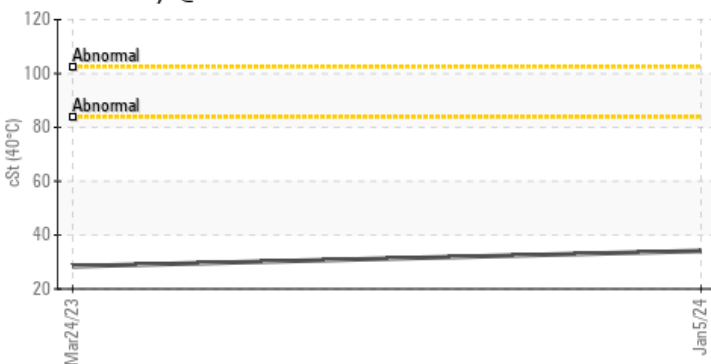
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

