



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 752316 - DROP BOX



**Sample No:** VCP430393  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:**



### VOLVO SAMPLE INFORMATION

Sample Number	<b>VCP430393</b>	VCE118622	---	---
Sample Date	<b>05 Apr 2024</b>	21 Oct 2022	---	---
Machine Hours	<b>5264</b>	2918	---	---
Oil Hours	<b>0</b>	2918	---	---
Oil Changed	<b>Not Chngd</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	ATTENTION	---	---

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### VOLVO OIL CONDITION

Visc @ 40°C	cSt	<span style="color: green;">■</span> <b>127</b>	<span style="color: orange;">●</span> 45.9	---	---
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### VOLVO CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<span style="color: green;">■</span> <b>5</b>	<span style="color: green;">■</span> 33	---	---
Sodium	ppm	<span style="color: green;">■</span> <b>&lt;1</b>	<span style="color: green;">■</span> 9	---	---
Potassium	ppm	<span style="color: green;">■</span> <b>2</b>	<span style="color: green;">■</span> 3	---	---

### 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.

### VOLVO WEAR METALS

Iron	ppm	<span style="color: green;">■</span> <b>22</b>	<span style="color: green;">■</span> 173	---	---
Copper	ppm	<span style="color: green;">■</span> <b>2</b>	<span style="color: green;">■</span> 3	---	---
Lead	ppm	<span style="color: green;">■</span> <b>&lt;1</b>	<span style="color: green;">■</span> 0	---	---
Tin	ppm	<span style="color: green;">■</span> <b>1</b>	<span style="color: green;">■</span> <1	---	---
Aluminum	ppm	<span style="color: green;">■</span> <b>2</b>	<span style="color: green;">■</span> 11	---	---
Chromium	ppm	<span style="color: green;">■</span> <b>1</b>	<span style="color: green;">■</span> 3	---	---
Molybdenum	ppm	<span style="color: green;">■</span> <b>1</b>	<span style="color: green;">■</span> 7	---	---
Nickel	ppm	<span style="color: green;">■</span> <b>&lt;1</b>	<span style="color: green;">■</span> 1	---	---
Titanium	ppm	<b>&lt;1</b>	<1	---	---
Silver	ppm	<b>0</b>	<1	---	---
Manganese	ppm	<span style="color: green;">■</span> <b>1</b>	<span style="color: green;">■</span> 5	---	---
Vanadium	ppm	<b>&lt;1</b>	<1	---	---

### VOLVO ADDITIVES

Calcium	ppm	<span style="color: green;">■</span> <b>294</b>	<span style="color: green;">■</span> 39	---	---
Magnesium	ppm	<span style="color: green;">■</span> <b>3</b>	<span style="color: green;">■</span> 0	---	---
Zinc	ppm	<span style="color: green;">■</span> <b>147</b>	<span style="color: green;">■</span> 48	---	---
Phosphorus	ppm	<span style="color: green;">■</span> <b>1124</b>	2216	---	---
Barium	ppm	<span style="color: green;">■</span> <b>&lt;1</b>	<span style="color: green;">■</span> 0	---	---
Boron	ppm	<span style="color: green;">■</span> <b>153</b>	<span style="color: green;">■</span> 158	---	---

**Depot:** VOLVO0129  
**Unique No:** 10968183  
**Signed:** Wes Davis  
**Report Date:** 10 Apr 2024

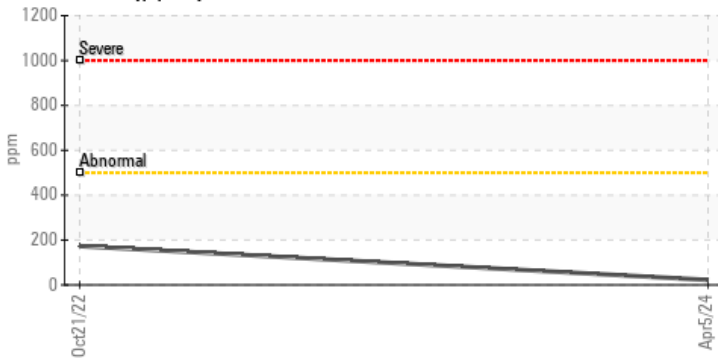


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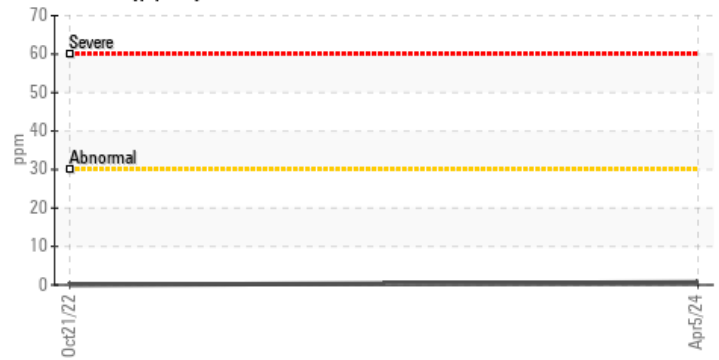


## GRAPHS

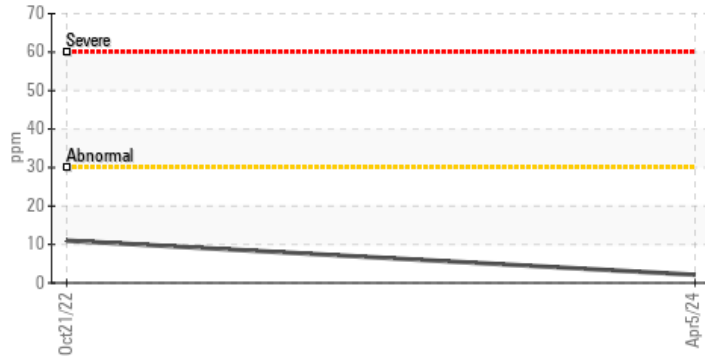
### Iron (ppm)



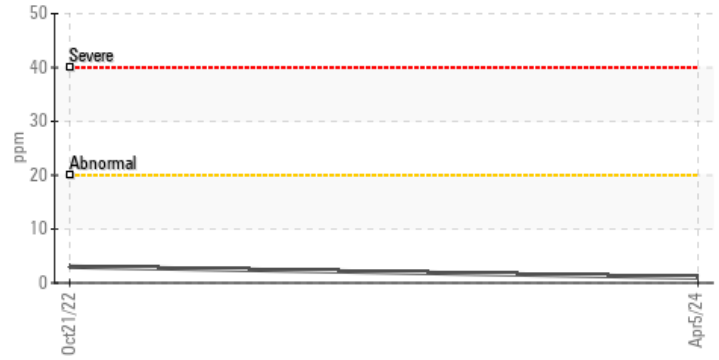
### Lead (ppm)



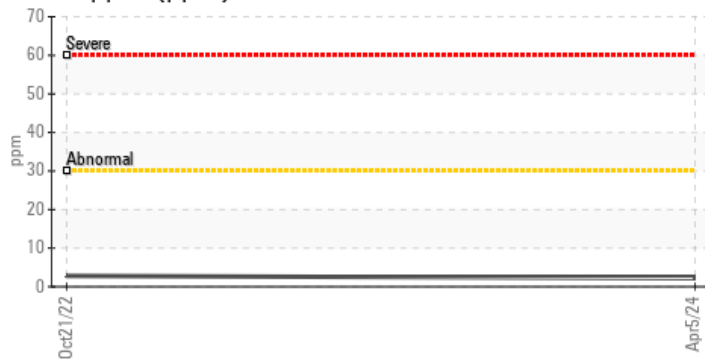
### Aluminum (ppm)



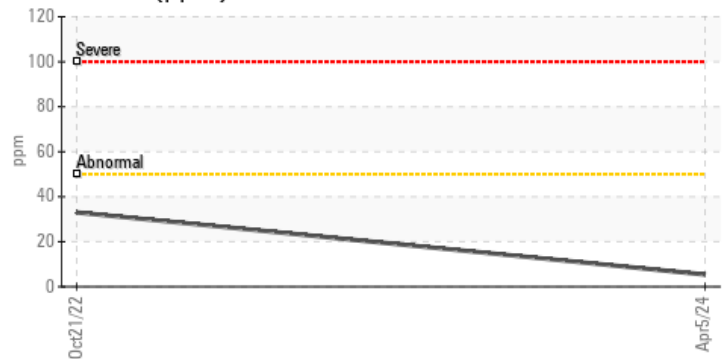
### Chromium (ppm)



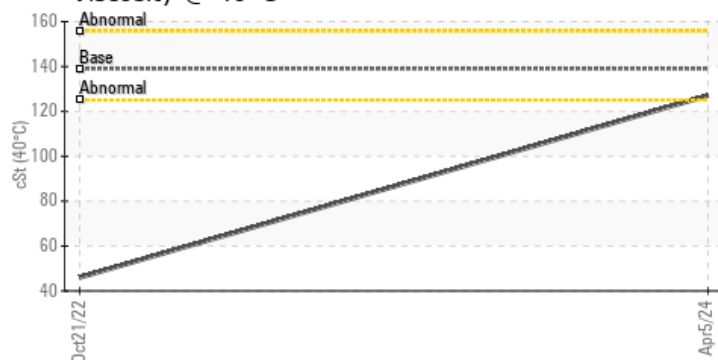
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

