



# CONSTRUCTION EQUIPMENT

W05003725-1 VOLVO A35G 340132 - DROP BOX



**Sample No:** VCP419857  
**Oil Type:** {unknown}  
**Job No:** W05003725-1



## SAMPLE INFORMATION

Sample Number	VCP419857	VCP369381	---	---
Sample Date	11 Jul 2023	13 Mar 2023	---	---
Machine Hours	9625	9100	---	---
Oil Hours	0	500	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	SEVERE	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	52.0	69.0	---	---
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## CONTAMINATION

Water	%	NEG	5.20	---	---
Silicon	ppm	2	10	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	2	2	---	---

## 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	225	93	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	14	15	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	<1	5	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	7	2	---	---
Vanadium	ppm	0	<1	---	---

## ADDITIVES

Calcium	ppm	115	660	---	---
Magnesium	ppm	5	20	---	---
Zinc	ppm	366	552	---	---
Phosphorus	ppm	2474	794	---	---
Barium	ppm	0	0	---	---
Boron	ppm	54	99	---	---

**Depot:** VOLVO0002  
**Unique No:** 10559586  
**Signed:** Jonathan Hester  
**Report Date:** 17 Jul 2023

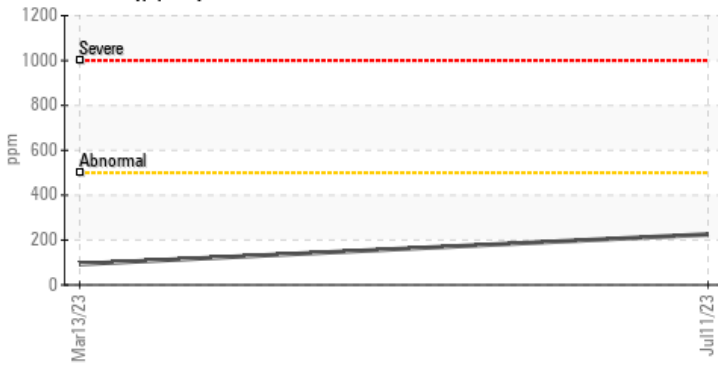


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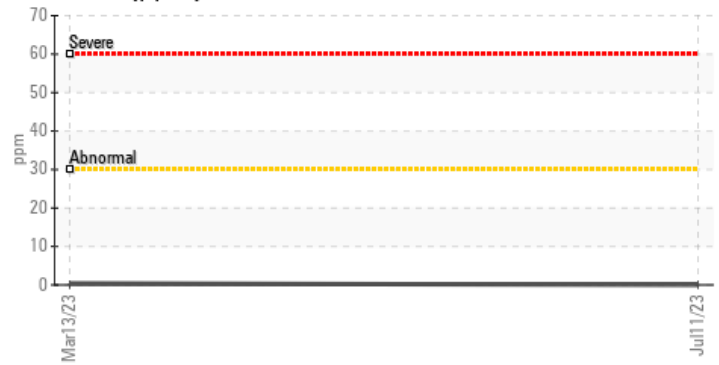


## GRAPHS

### Iron (ppm)



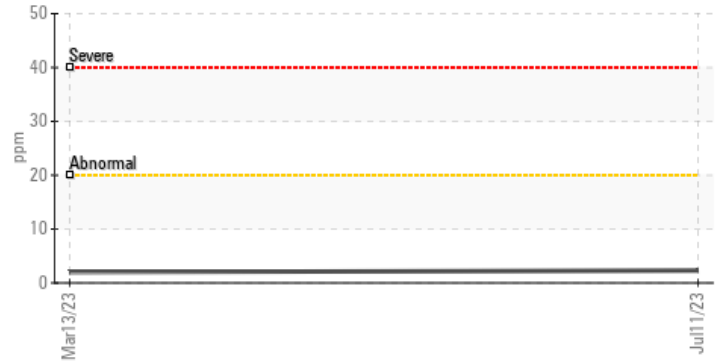
### Lead (ppm)



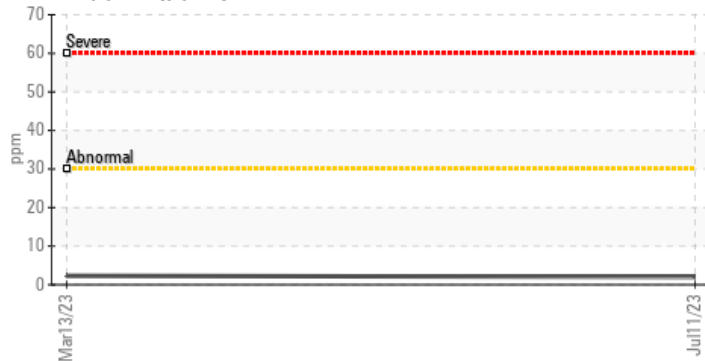
### Aluminum (ppm)



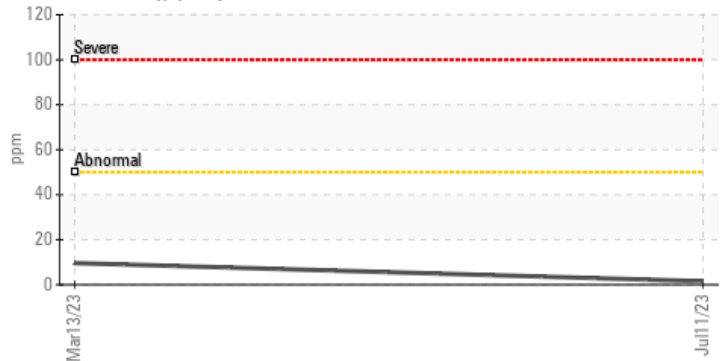
### Chromium (ppm)



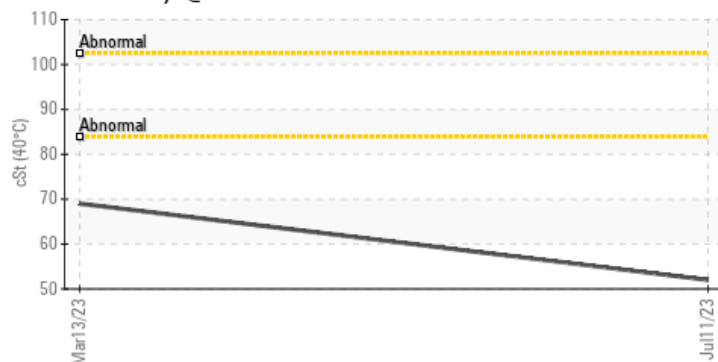
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

