



# CONSTRUCTION EQUIPMENT

WO7013227 VOLVO A45G 352347 - DROP BOX



**Sample No:** VCP407655  
**Oil Type:** MOBIL MOBILUBE HD 85W140  
**Job No:** WO7013227



**McClung-Logan Virginia LLC- RICHMOND**  
1345 MOUNTAIN ROAD  
GLEN ALLEN, VA  
US 23060  
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T:  
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## SAMPLE INFORMATION

Sample Number	VCP407655	---	---	---
Sample Date	09 Aug 2023	---	---	---
Machine Hours	3526	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	158	---	---	---
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## CONTAMINATION

Silicon	ppm	13	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---



## WEAR METALS

Iron	ppm	169	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	52	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	43	---	---	---
Phosphorus	ppm	1330	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	168	---	---	---

## 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:** VOLVO8882  
**Unique No:** 10604472  
**Signed:** Jonathan Hester  
**Report Date:** 16 Aug 2023



# CONSTRUCTION EQUIPMENT

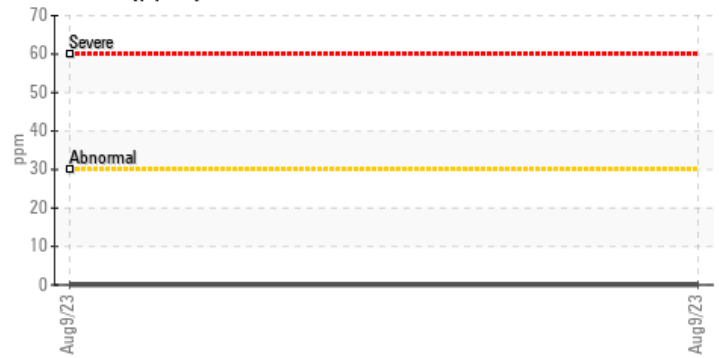


## GRAPHS

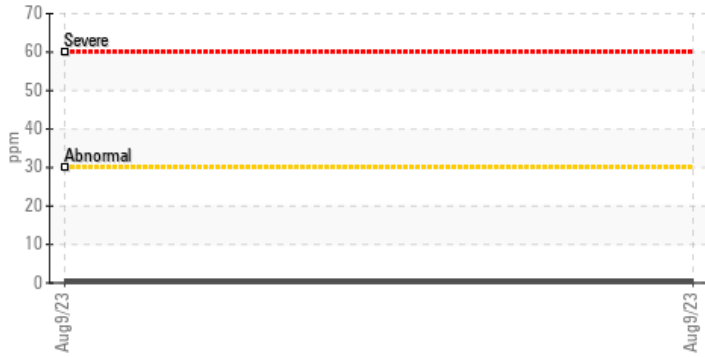
### Iron (ppm)



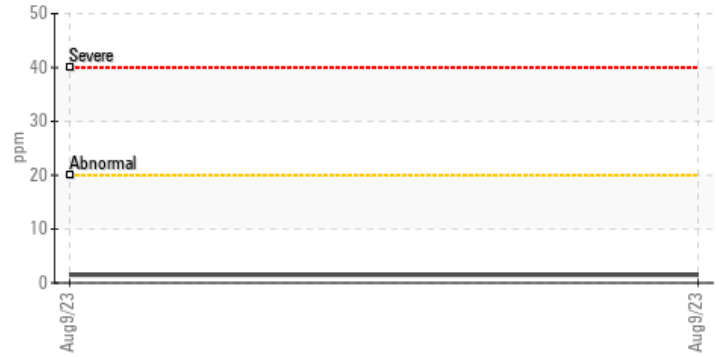
### Lead (ppm)



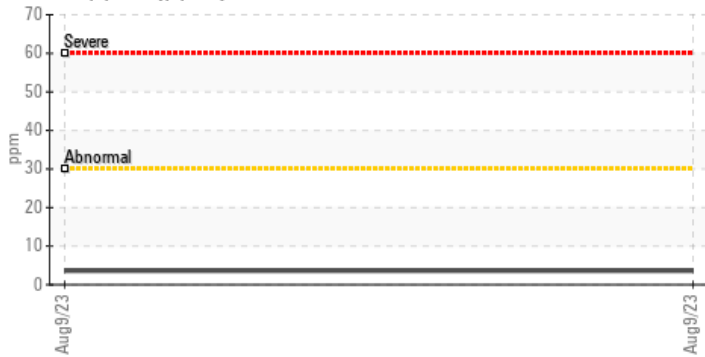
### Aluminum (ppm)



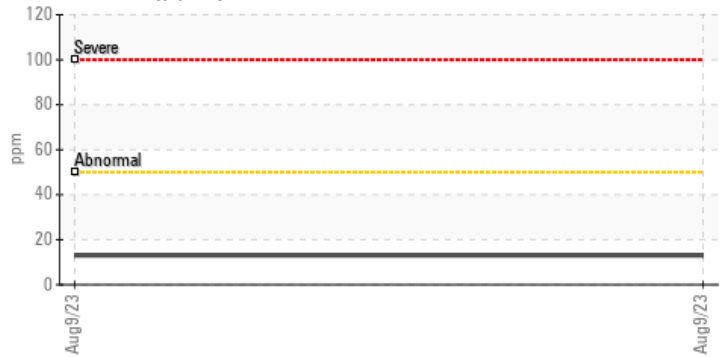
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

