



# CONSTRUCTION EQUIPMENT

W07012289-1 VOLVO A40G 341458 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP399834  
**Oil Type:** NOT GIVEN  
**Job No:** W07012289-1



## SAMPLE INFORMATION

Sample Number	VCP399834	---	---	---
Sample Date	23 Feb 2023	---	---	---
Machine Hours	6947	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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

Visc @ 40°C	cSt	■ 83.4	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 1	---	---	---

## Diagnosis

Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	■ 53	---	---	---
Copper	ppm	▲ 329	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	4052	---	---	---
Magnesium	ppm	16	---	---	---
Zinc	ppm	1566	---	---	---
Phosphorus	ppm	1229	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	152	---	---	---

**Depot:** VOLVO8882  
**Unique No:** 10351078  
**Signed:** Angela Borella  
**Report Date:** 27 Feb 2023

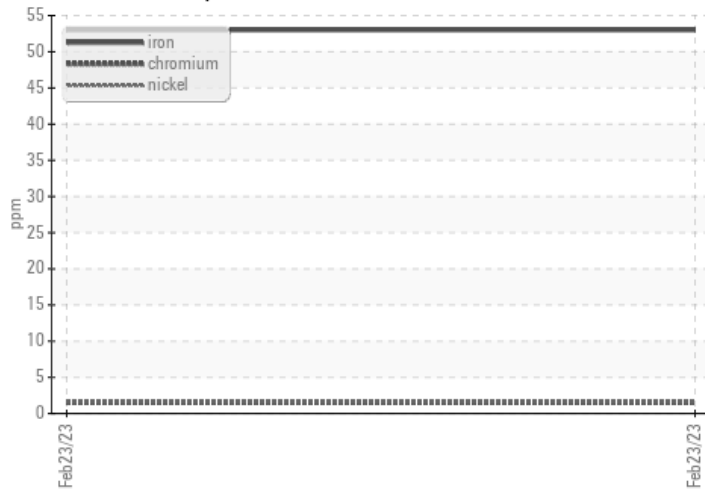


# CONSTRUCTION EQUIPMENT



## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

