



# CONSTRUCTION EQUIPMENT

W07012289-1 VOLVO A40G 341458 - DROP BOX



**Sample No:** VCP398911  
**Oil Type:** GEAR OIL SAE 75W80  
**Job No:** W07012289-1



## SAMPLE INFORMATION

Sample Number	<b>VCP398911</b>	VCP367959	VCP250385	---
Sample Date	<b>23 Feb 2023</b>	03 Nov 2022	26 Jun 2019	---
Machine Hours	<b>6947</b>	6944	3981	---
Oil Hours	<b>0</b>	500	0	---
Oil Changed	<b>N/A</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

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

Visc @ 40°C	cSt	<b>52.9</b>	59.9	▲ 48.2	---
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## CONTAMINATION

Silicon	ppm	<b>2</b>	11	▲ 51	---
Sodium	ppm	<b>1</b>	2	3	---
Potassium	ppm	<b>0</b>	<1	0	---

## 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	<b>8</b>	59	130	---
Copper	ppm	<b>&lt;1</b>	2	3	---
Lead	ppm	<b>0</b>	<1	<1	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>1</b>	8	9	---
Chromium	ppm	<b>&lt;1</b>	<1	1	---
Molybdenum	ppm	<b>&lt;1</b>	3	4	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>&lt;1</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	2	4	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>31</b>	34	14	---
Magnesium	ppm	<b>4</b>	18	40	---
Zinc	ppm	<b>23</b>	71	162	---
Phosphorus	ppm	<b>2168</b>	1658	2206	---
Barium	ppm	<b>&lt;1</b>	0	0	---
Boron	ppm	<b>277</b>	90	112	---

**Depot:** VOLVO8882  
**Unique No:** 10351077  
**Signed:** Wes Davis  
**Report Date:** 27 Feb 2023



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## GRAPHS

