



# CONSTRUCTION EQUIPMENT

W07013419-1 VOLVO A35G 340230 - DROP BOX



**Sample No:** VCP414562  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** W07013419-1



## SAMPLE INFORMATION

Sample Number	<b>VCP414562</b>	VCP386323	---	---
Sample Date	<b>20 Sep 2023</b>	20 Mar 2023	---	---
Machine Hours	<b>5148</b>	4607	---	---
Oil Hours	<b>0</b>	200	---	---
Oil Changed	<b>Changed</b>	Not Chngd	---	---
Sample Status	<b>ATTENTION</b>	NORMAL	---	---

**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	<b>▲ 258</b>	54.7	---	---
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## CONTAMINATION

Silicon	ppm	<b>93</b>	55	---	---
Sodium	ppm	<b>■ 3</b>	■ 4	---	---
Potassium	ppm	<b>■ 2</b>	■ 2	---	---



## WEAR METALS

Iron	ppm	<b>277</b>	82	---	---
Copper	ppm	<b>&lt;1</b>	<1	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>■ 13</b>	7	---	---
Chromium	ppm	<b>4</b>	2	---	---
Molybdenum	ppm	<b>3</b>	5	---	---
Nickel	ppm	<b>&lt;1</b>	0	---	---
Titanium	ppm	<b>1</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>2</b>	3	---	---
Vanadium	ppm	<b>0</b>	<1	---	---



## ADDITIVES

Calcium	ppm	<b>64</b>	88	---	---
Magnesium	ppm	<b>14</b>	7	---	---
Zinc	ppm	<b>51</b>	92	---	---
Phosphorus	ppm	<b>1000</b>	2235	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>131</b>	273	---	---

## Diagnosis

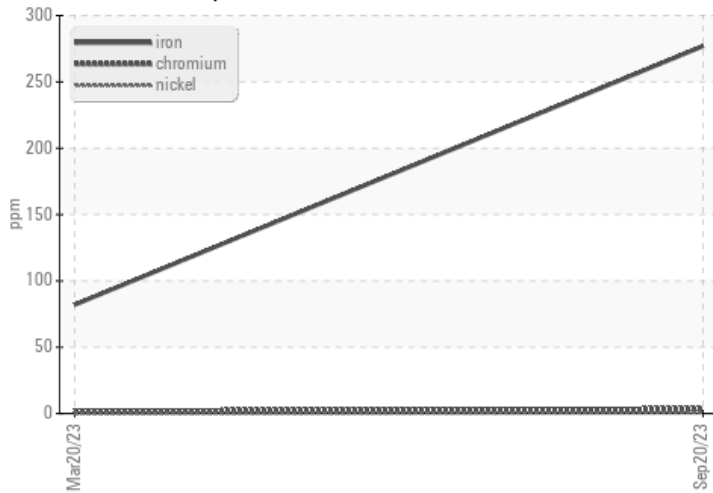
The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is higher than normal. Confirm oil type.

**Depot:** VOLVO8882  
**Unique No:** 10661397  
**Signed:** Don Baldrige  
**Report Date:** 26 Sep 2023

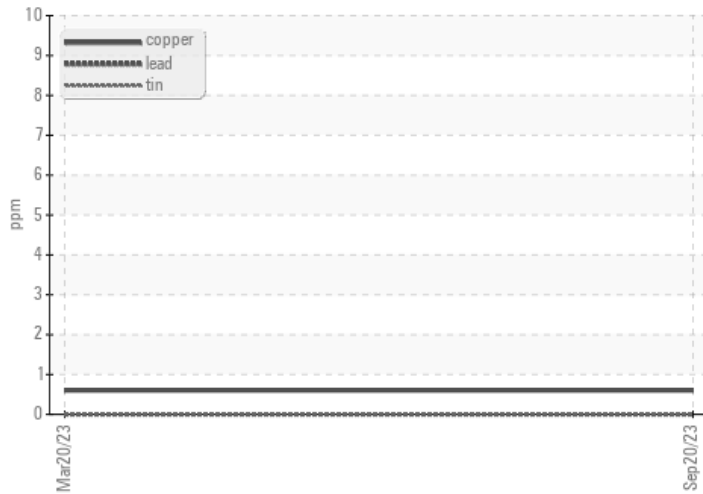


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### ▲ Viscosity @ 40°C

