



# CONSTRUCTION EQUIPMENT

## A10890 VOLVO A35G 352057 - FRONT AXLE



**Sample No:** VCP411942  
**Oil Type:** MOBIL GO 102  
**Job No:** A10890



### SAMPLE INFORMATION

Sample Number	<b>VCP411942</b>	VCP386475	VCB0000094	---
Sample Date	<b>14 Aug 2023</b>	06 Oct 2022	04 Mar 2022	---
Machine Hours	<b>2020</b>	1195	470	---
Oil Hours	<b>1020</b>	1195	470	---
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>54.4</b>	50.1	41.5	---
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### CONTAMINATION

Silicon	ppm	<b>2</b>	12	6	---
Sodium	ppm	<b>&lt;1</b>	4	4	---
Potassium	ppm	<b>0</b>	3	<1	---



### WEAR METALS

Iron	ppm	<b>63</b>	204	273	---
Copper	ppm	<b>&lt;1</b>	1	1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	0	<1	---
Aluminum	ppm	<b>1</b>	5	<1	---
Chromium	ppm	<b>&lt;1</b>	3	4	---
Molybdenum	ppm	<b>0</b>	2	4	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>2</b>	8	10	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>7</b>	14	13	---
Magnesium	ppm	<b>1</b>	1	0	---
Zinc	ppm	<b>4</b>	10	7	---
Phosphorus	ppm	<b>2478</b>	2307	2446	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>288</b>	228	244	---

### 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:** JAAPHI  
**Unique No:** 10618271  
**Signed:** Sean Felton  
**Report Date:** 25 Aug 2023



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## GRAPHS

