



# CONSTRUCTION EQUIPMENT

## A10935 VOLVO A40G 342450 - BOGIE/CENTER AXLE



**Sample No:** VCP412033  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A10935



### SAMPLE INFORMATION

Sample Number	<b>VCP412033</b>	VCP291752	VCP282077	---
Sample Date	<b>24 Aug 2023</b>	08 Jan 2021	13 Jul 2020	---
Machine Hours	<b>5915</b>	3925	3834	---
Oil Hours	<b>1000</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Changd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### K C CONSTRUCTION

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### OIL CONDITION

Visc @ 40°C	cSt	<b>142</b>	111	51.8	---
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### CONTAMINATION

Silicon	ppm	<b>6</b>	2	4	---
Sodium	ppm	<b>&lt;1</b>	<1	5	---
Potassium	ppm	<b>2</b>	5	<1	---



### WEAR METALS

Iron	ppm	<b>123</b>	59	319	---
Copper	ppm	<b>&lt;1</b>	<1	5	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>&lt;1</b>	<1	<1	---
Chromium	ppm	<b>2</b>	1	4	---
Molybdenum	ppm	<b>2</b>	9	2	---
Nickel	ppm	<b>0</b>	<1	1	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	<1	0	---
Manganese	ppm	<b>4</b>	4	12	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>18</b>	186	123	---
Magnesium	ppm	<b>0</b>	20	0	---
Zinc	ppm	<b>0</b>	127	66	---
Phosphorus	ppm	<b>1013</b>	1026	2092	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>226</b>	191	192	---

### 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:** KCCIVY  
**Unique No:** 10648976  
**Signed:** Sean Felton  
**Report Date:** 19 Sep 2023



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## GRAPHS

