



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342374 - BOGIE/CENTER AXLE



**Sample No:** VCP445789  
**Oil Type:** MOBIL MOBILUBE HD PLUS 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP445789</b>	VCP401120	VCP400065	VCP406062
Sample Date	<b>15 Apr 2024</b>	11 Mar 2024	20 Jul 2023	02 May 2023
Machine Hours	<b>11573</b>	11321	10329	9875
Oil Hours	<b>926</b>	674	933	479
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>134</b>	135	132	132
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	2	2	2
Sodium	ppm	<b>0</b>	0	<1	2
Potassium	ppm	<b>2</b>	1	<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>24</b>	16	10	5
Copper	ppm	<b>&lt;1</b>	<1	1	1
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>2</b>	2	0	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	0
Molybdenum	ppm	<b>2</b>	2	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	<1	<1	0



### ADDITIVES

Calcium	ppm	<b>217</b>	232	413	420
Magnesium	ppm	<b>11</b>	12	7	9
Zinc	ppm	<b>92</b>	98	149	140
Phosphorus	ppm	<b>1036</b>	921	932	993
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>199</b>	158	165	151

**Depot:** SCHGRE  
**Unique No:** 11009499  
**Signed:** Wes Davis  
**Report Date:** 06 May 2024



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## GRAPHS

