



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342252 - BOGIE/CENTER AXLE



**Sample No:** VCP401113  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP401113</b>	VCP392511	VCP406075	VCP385564
Sample Date	<b>30 Oct 2023</b>	29 Aug 2023	22 Mar 2023	13 Feb 2023
Machine Hours	<b>11266</b>	10867	9960	9801
Oil Hours	<b>399</b>	907	877	718
Oil Changed	<b>Not Chngd</b>	Changed	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>131</b>	130	131	131
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	<b>10</b>	6	13	13
Copper	ppm	<b>0</b>	<1	0	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	0	0	<1
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>2</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	0	<1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>440</b>	314	380	389
Magnesium	ppm	<b>11</b>	4	8	12
Zinc	ppm	<b>171</b>	135	134	134
Phosphorus	ppm	<b>1009</b>	958	962	897
Barium	ppm	<b>0</b>	1	0	0
Boron	ppm	<b>167</b>	142	172	168

### 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:** SCHGRE  
**Unique No:** 10736972  
**Signed:** Wes Davis  
**Report Date:** 10 Nov 2023



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## GRAPHS

