



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352566 - REAR AXLE



**Sample No:** VCP433561  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP433561</b>	VCP341887	VCP312551	VCP401924
Sample Date	<b>02 Apr 2024</b>	11 Dec 2023	04 Oct 2023	13 Jul 2023
Machine Hours	<b>5666</b>	5026	4584	3940
Oil Hours	<b>1082</b>	442	1176	532
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>136</b>	132	132	133
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	1	2	2
Sodium	ppm	<b>&lt;1</b>	0	0	<1
Potassium	ppm	<b>0</b>	0	1	<1

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>15</b>	7	26	18
Copper	ppm	<b>0</b>	0	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	1	0
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>1</b>	0	<1	1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	<1



### ADDITIVES

Calcium	ppm	<b>256</b>	232	392	388
Magnesium	ppm	<b>&lt;1</b>	11	7	9
Zinc	ppm	<b>102</b>	103	145	137
Phosphorus	ppm	<b>1036</b>	965	978	939
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>181</b>	159	174	172

**Depot:** SCHGRE  
**Unique No:** 10990338  
**Signed:** Sean Felton  
**Report Date:** 24 Apr 2024



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## GRAPHS

