



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352026 - FRONT AXLE



**Sample No:** VCP436366  
**Oil Type:** MOBIL MOBILUBE HD PLUS 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP436366</b>	VCP396974	VCP406457	VCP384379
Sample Date	<b>08 Feb 2024</b>	30 Oct 2023	29 Aug 2023	07 Jun 2023
Machine Hours	<b>9959</b>	9458	9029	8529
Oil Hours	<b>501</b>	929	500	1064
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>130</b>	137	138	132
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	2	2	2
Sodium	ppm	<b>0</b>	0	<1	1
Potassium	ppm	<b>1</b>	<1	0	<1

### 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>11</b>	8	7	15
Copper	ppm	<b>&lt;1</b>	0	0	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	0	0	0
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>3</b>	0	<1	<1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	0	0	0
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>512</b>	191	221	428
Magnesium	ppm	<b>22</b>	17	16	8
Zinc	ppm	<b>183</b>	112	83	158
Phosphorus	ppm	<b>1172</b>	955	985	1048
Barium	ppm	<b>12</b>	2	0	0
Boron	ppm	<b>188</b>	177	209	171

**Depot:** SCHGRE  
**Unique No:** 10876574  
**Signed:** Wes Davis  
**Report Date:** 15 Feb 2024



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## VOLVO GRAPHS

