



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352341 - FRONT AXLE



**Sample No:** VCP444078  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP444078</b>	VCP416716	VCP339713	VCP405998
Sample Date	<b>30 Apr 2024</b>	13 Feb 2024	07 Nov 2023	24 Aug 2023
Machine Hours	<b>7971</b>	7384	6865	6283
Oil Hours	<b>587</b>	1101	582	1169
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>135</b>	139	140	137
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	2	1	2
Sodium	ppm	<b>0</b>	<1	<1	0
Potassium	ppm	<b>0</b>	2	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>10</b>	25	8	18
Copper	ppm	<b>0</b>	<1	0	0
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>0</b>	<1	0	0
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>2</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	0	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>204</b>	167	164	166
Magnesium	ppm	<b>14</b>	9	4	10
Zinc	ppm	<b>89</b>	64	69	50
Phosphorus	ppm	<b>1009</b>	968	1000	795
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>191</b>	172	172	174

**Depot:** SCHGRE  
**Unique No:** 11018978  
**Signed:** Wes Davis  
**Report Date:** 09 May 2024



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## VOLVO GRAPHS

