



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352341 - BOGIE/CENTER AXLE



**Sample No:** VCP444079  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP444079</b>	VCP416714	VCP339704	VCP405983
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 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>135</b>	140	139	138
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	2	1	2
Sodium	ppm	<b>0</b>	<1	<1	0
Potassium	ppm	<b>2</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>12</b>	17	6	15
Copper	ppm	<b>&lt;1</b>	<1	0	0
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>1</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	0	0
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>4</b>	<1	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	0	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>170</b>	168	171	126
Magnesium	ppm	<b>17</b>	10	4	12
Zinc	ppm	<b>80</b>	62	72	42
Phosphorus	ppm	<b>988</b>	974	1037	935
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>196</b>	173	177	211

**Depot:** SCHGRE  
**Unique No:** 11019013  
**Signed:** Wes Davis  
**Report Date:** 09 May 2024



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## VOLVO GRAPHS

