



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352351 - BOGIE/CENTER AXLE



**Sample No:** VCP416788  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP416788</b>	VCP339705	VCP406637	VCP384414
Sample Date	<b>13 Feb 2024</b>	07 Nov 2023	24 Aug 2023	30 May 2023
Machine Hours	<b>8269</b>	7750	7188	6612
Oil Hours	<b>1081</b>	562	1168	592
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>139</b>	139	138	139
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### CONTAMINATION

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

### 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>	4	10	7
Copper	ppm	<b>&lt;1</b>	0	0	0
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	0	0	0
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	1
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	0	<1	0
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>168</b>	170	141	131
Magnesium	ppm	<b>9</b>	4	14	12
Zinc	ppm	<b>64</b>	71	48	57
Phosphorus	ppm	<b>998</b>	1006	1014	1021
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>171</b>	173	223	206

**Depot:** SCHGRE  
**Unique No:** 10898638  
**Signed:** Wes Davis  
**Report Date:** 27 Feb 2024



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## VOLVO GRAPHS

