



# CONSTRUCTION EQUIPMENT

## 2901 VOLVO A40G 352199 - BOGIE/CENTER AXLE



**Sample No:** VCP404853  
**Oil Type:** MOBIL MOBILUBE HD PLUS 80W90  
**Job No:** 2901



### SAMPLE INFORMATION

Sample Number	<b>VCP404853</b>	VCP390554	VCP390575	VCP366911
Sample Date	<b>19 Jul 2023</b>	13 Feb 2023	01 Nov 2022	22 Aug 2022
Machine Hours	<b>5644</b>	4597	4083	3567
Oil Hours	<b>1047</b>	1030	516	993
Oil Changed	<b>Changed</b>	Changed	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	ATTENTION

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### OIL CONDITION

Visc @ 40°C	cSt	<b>132</b>	125	124	▲ 48.8
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### CONTAMINATION

Silicon	ppm	<b>2</b>	3	3	4
Sodium	ppm	<b>&lt;1</b>	<1	<1	1
Potassium	ppm	<b>&lt;1</b>	0	0	2

### 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>20</b>	95	25	119
Copper	ppm	<b>&lt;1</b>	0	0	2
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	<1	<1	<1
Chromium	ppm	<b>&lt;1</b>	1	<1	2
Molybdenum	ppm	<b>&lt;1</b>	2	1	3
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	3	<1	4
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>366</b>	474	476	58
Magnesium	ppm	<b>7</b>	14	1	<1
Zinc	ppm	<b>129</b>	167	165	25
Phosphorus	ppm	<b>878</b>	938	1023	2282
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>156</b>	165	161	265

**Depot:** SCHGRE  
**Unique No:** 10586806  
**Signed:** Wes Davis  
**Report Date:** 04 Aug 2023



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## GRAPHS

