



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342610 - BOGIE/CENTER AXLE



**Sample No:** VCP429060  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP429060</b>	VCP406104	VCP401914	VCP362740
Sample Date	<b>27 Mar 2024</b>	24 Aug 2023	30 May 2023	06 Mar 2023
Machine Hours	<b>11444</b>	10233	9672	9074
Oil Hours	<b>1211</b>	1159	598	1085
Oil Changed	<b>Changed</b>	Changed	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

**SCHILDBERG CONSTRUCTION COMPANY**  
 PO BOX 358  
 GREENFIELD, IA  
 US 50849  
 Contact: SCOTT ARMSTRONG  
 sarmstrong@schildberg.com  
 T: (641)743-8237  
 F: (641)743-2486



### OIL CONDITION

Visc @ 40°C	cSt	<b>138</b>	138	144	136
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	4	2	2
Sodium	ppm	<b>&lt;1</b>	0	<1	1
Potassium	ppm	<b>2</b>	<1	<1	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>25</b>	12	7	13
Copper	ppm	<b>&lt;1</b>	0	0	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>1</b>	0	0	<1
Chromium	ppm	<b>&lt;1</b>	0	0	0
Molybdenum	ppm	<b>2</b>	<1	1	1
Nickel	ppm	<b>&lt;1</b>	0	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>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>225</b>	139	144	163
Magnesium	ppm	<b>9</b>	13	14	8
Zinc	ppm	<b>88</b>	49	61	69
Phosphorus	ppm	<b>954</b>	1020	1015	1038
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>172</b>	226	207	195

**Depot:** SCHGRE  
**Unique No:** 10963677  
**Signed:** Wes Davis  
**Report Date:** 05 Apr 2024



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## GRAPHS

