



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352349 - FRONT AXLE



**Sample No:** VCP436353  
**Oil Type:** MOBIL MOBILUBE HD PLUS 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP436353</b>	VCP395128	VCP406460	VCP404896
Sample Date	<b>08 Feb 2024</b>	30 Oct 2023	29 Aug 2023	22 Mar 2023
Machine Hours	<b>6743</b>	6234	5785	4695
Oil Hours	<b>958</b>	449	1090	968
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	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>132</b>	130	131	132
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	6	3	1
Sodium	ppm	<b>0</b>	<1	0	<1
Potassium	ppm	<b>1</b>	0	<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>34</b>	81	19	30
Copper	ppm	<b>&lt;1</b>	1	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	<1	0	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>1</b>	<1	0	<1
Nickel	ppm	<b>0</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	<1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>453</b>	434	411	301
Magnesium	ppm	<b>8</b>	0	8	6
Zinc	ppm	<b>149</b>	158	138	118
Phosphorus	ppm	<b>1289</b>	991	1019	973
Barium	ppm	<b>12</b>	0	0	0
Boron	ppm	<b>191</b>	166	198	172

**Depot:** SCHGRE  
**Unique No:** 10876588  
**Signed:** Wes Davis  
**Report Date:** 15 Feb 2024



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## VOLVO GRAPHS

