



# CONSTRUCTION EQUIPMENT

## 2810 VOLVO A40G 342253 - REAR AXLE



**Sample No:** VCP402342  
**Oil Type:** MOBIL MOBILUBE HD PLUS 80W90  
**Job No:** 2810



### SAMPLE INFORMATION

Sample Number	<b>VCP402342</b>	VCP404864	VCP390569	VCP385090
Sample Date	<b>19 Jul 2023</b>	02 May 2023	13 Feb 2023	01 Nov 2022
Machine Hours	<b>9967</b>	9484	9003	8489
Oil Hours	<b>964</b>	481	1011	497
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>133</b>	133	130	131
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### CONTAMINATION

Silicon	ppm	<b>2</b>	4	2	11
Sodium	ppm	<b>&lt;1</b>	2	<1	<1
Potassium	ppm	<b>&lt;1</b>	0	0	0



### WEAR METALS

Iron	ppm	<b>7</b>	22	5	63
Copper	ppm	<b>&lt;1</b>	1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	0	0	1
Chromium	ppm	<b>0</b>	<1	0	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	1	1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>398</b>	429	413	499
Magnesium	ppm	<b>8</b>	9	11	10
Zinc	ppm	<b>140</b>	140	168	170
Phosphorus	ppm	<b>949</b>	992	869	948
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>174</b>	153	154	181

### 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.

**Depot:** SCHGRE  
**Unique No:** 10586820  
**Signed:** Wes Davis  
**Report Date:** 04 Aug 2023



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## VOLVO GRAPHS

