



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352341 - REAR AXLE



**Sample No:** VCP405982  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP405982</b>	VCP362773	VCP378246	VCP377245
Sample Date	<b>24 Aug 2023</b>	07 Mar 2023	16 Jan 2023	01 Sep 2022
Machine Hours	<b>6283</b>	5114	4807	4017
Oil Hours	<b>1169</b>	1097	790	1117
Oil Changed	<b>Changed</b>	Changed	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ATTENTION

**SCHILDBERG CONSTRUCTION COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>139</b>	129	130	▲ 52.1
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### CONTAMINATION

Silicon	ppm	<b>1</b>	1	2	2
Sodium	ppm	<b>0</b>	<1	0	2
Potassium	ppm	<b>&lt;1</b>	<1	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>14</b>	29	72	101
Copper	ppm	<b>0</b>	<1	<1	2
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>0</b>	<1	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	1	1
Molybdenum	ppm	<b>&lt;1</b>	1	1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	4
Manganese	ppm	<b>&lt;1</b>	2	4	4
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>126</b>	125	140	9
Magnesium	ppm	<b>12</b>	6	7	1
Zinc	ppm	<b>42</b>	64	59	10
Phosphorus	ppm	<b>932</b>	1064	1026	2371
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>213</b>	192	196	281

**Depot:** SCHGRE  
**Unique No:** 10634491  
**Signed:** Wes Davis  
**Report Date:** 07 Sep 2023



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## VOLVO GRAPHS

