



# CONSTRUCTION EQUIPMENT

## 2680 VOLVO A40G 341462 - DROP BOX



**Sample No:** VCP312566  
**Oil Type:** MOBIL MOBILUBE HD PLUS 80W90  
**Job No:** 2680



### SAMPLE INFORMATION

Sample Number	<b>VCP312566</b>	VCP378269	VCP321266	VCP318015
Sample Date	<b>01 Sep 2023</b>	26 Sep 2022	02 Mar 2022	29 Sep 2021
Machine Hours	<b>16607</b>	14572	13279	12340
Oil Hours	<b>973</b>	1148	939	1051
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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

Visc @ 40°C	cSt	<b>136</b>	121	136	128
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### CONTAMINATION

Silicon	ppm	<b>8</b>	12	3	0
Sodium	ppm	<b>0</b>	0	<1	0
Potassium	ppm	<b>3</b>	16	0	0



### WEAR METALS

Iron	ppm	<b>18</b>	19	88	69
Copper	ppm	<b>&lt;1</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	3	3
Chromium	ppm	<b>&lt;1</b>	0	1	<1
Molybdenum	ppm	<b>2</b>	5	2	2
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>193</b>	368	203	255
Magnesium	ppm	<b>13</b>	24	16	18
Zinc	ppm	<b>95</b>	194	94	130
Phosphorus	ppm	<b>997</b>	993	1014	1001
Barium	ppm	<b>0</b>	3	0	0
Boron	ppm	<b>185</b>	142	175	154

### 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:** 10672283  
**Signed:** Wes Davis  
**Report Date:** 02 Oct 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

