



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342608 - DROP BOX



**Sample No:** VCP331545  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP331545</b>	VCP379376	VCP359631	VCP337468
Sample Date	<b>06 Nov 2023</b>	17 Jan 2023	27 Jun 2022	31 Jan 2022
Machine Hours	<b>10895</b>	8851	7605	6520
Oil Hours	<b>1117</b>	1246	1085	984
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>	134	134	133
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>5</b>	3	2	3
Sodium	ppm	<b>2</b>	0	<1	<1
Potassium	ppm	<b>&lt;1</b>	0	0	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>209</b>	45	39	99
Copper	ppm	<b>&lt;1</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>14</b>	3	2	2
Chromium	ppm	<b>2</b>	<1	<1	2
Molybdenum	ppm	<b>10</b>	3	3	7
Nickel	ppm	<b>&lt;1</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>3</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>159</b>	165	191	210
Magnesium	ppm	<b>13</b>	6	10	18
Zinc	ppm	<b>73</b>	70	98	97
Phosphorus	ppm	<b>992</b>	937	948	1059
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>228</b>	169	159	162

**Depot:** SCHGRE  
**Unique No:** 10755962  
**Signed:** Wes Davis  
**Report Date:** 27 Nov 2023



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## VOLVO GRAPHS

