



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 340668 - DROP BOX



**Sample No:** VCP416758  
**Oil Type:** MOBIL MOBILUBE HD PLUS 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP416758</b>	VCP419808	VCP386553	VCP359516
Sample Date	<b>08 Feb 2024</b>	01 Aug 2023	28 Feb 2023	27 Jul 2022
Machine Hours	<b>17181</b>	16113	15032	13863
Oil Hours	<b>1068</b>	1081	1160	1091
Oil Changed	<b>Changed</b>	Changed	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>136</b>	134	135	133
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	2	4	2
Sodium	ppm	<b>&lt;1</b>	0	<1	0
Potassium	ppm	<b>2</b>	<1	<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>12</b>	10	23	8
Copper	ppm	<b>&lt;1</b>	0	<1	<1
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	<1
Aluminum	ppm	<b>2</b>	0	2	<1
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>1</b>	1	1	1
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>&lt;1</b>	0	<1	0
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>291</b>	144	186	211
Magnesium	ppm	<b>10</b>	12	8	9
Zinc	ppm	<b>117</b>	60	78	98
Phosphorus	ppm	<b>974</b>	1011	997	969
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>158</b>	210	168	178

**Depot:** SCHGRE  
**Unique No:** 10898636  
**Signed:** Wes Davis  
**Report Date:** 27 Feb 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

